Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

12 GOLD STREET | March 2, 1936 | NEW YORK, N. Y.

Cliffs Dow

DEVOTED TO THE EXCLUSIVE PRODUCTION OF WOOD CHEMICALS AND ALLIED PRODUCTS

Acetic Acid
Activated Carbon
Charcoal
Creosote Oils
Ferrous Acetate (Iron Liquor)
Hardwood Pitch
Hardwood Tar
Methanol
Methyl Acetone
Propionic Acid

CLIFFS DOW CHEMICAL COMPANY
MARQUETTE, MICHIGAN

WAREHOUSES

New York, Cleveland, Buffalo, Detroit, Chicago, Baltimore, Cincinnati, St. Louis, Philadelphia, Louisville, Kansas City, Pittsburgh, Minneapolis

ROLLS CHEMICAL COMPANY
ELLICOTT SQUARE BUILDING, BUFFALO, N. Y. Established 1915
INDUSTRIAL CHEMICALS AND RAW MATERIALS
Warehouses: - Buffalo - Rochester - Syracuse - Utica, N. Y.

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE QUINIDINE
and their Salts

"MAARSSEN" BRAND
"AMSTERDAM" BRAND

• • •

CAFFEINE ALKALOID

"SANKA" BRAND

• • •

DISTRIBUTED BY
R.W. GREEFF & CO., Inc.
10 EAST 40th STREET NEW YORK CITY

WM. S. GRAY & CO.
342 MADISON AVENUE
NEW YORK CITY

METHANOL
Pure » 95%--97% » Denaturing

METHYL ACETONE

SURFEX
MULTI-PURPOSE PAINT INGREDIENT

A number of paint manufacturers are using SURFEX as a dispersing agent. In this application, the manufacturers have found that hard-grinding organic colors are made easy to grind by the use of SURFEX without any sacrifice of desirable qualities of the other materials used. It has been proved that appreciable savings in grinding costs are made possible by the proper use of SURFEX as a dispersing agent.

PURE CALCIUM PRODUCTS CO.
BOX 407 - PAINESVILLE, OHIO
(National Distributor) THE R. T. VANDERBILT CO. 230 Park Avenue, New York City
(Metropolitan New York Distributor) D. H. LITTER CO. 500 Fifth Avenue, New York City

Cellulose Acetate Flakes
(Cinelin)

Produced from selected photo film by an improved process that guarantees better quality than hitherto known.

Uniform analysis and viscosity—complete solubility.

Inquiries solicited from regular consumers, any quantities to carloads.

Cinelin Company
115 Pennsylania Street, Indianapolis, Indiana

20 TRADE MARK REG. U.S. PAT. OFF.

Guaranteed 99½% to 100% Pure
BORAX
BORIC ACID
Refined and U. S. P.
» Crystal » Granulated » Powdered » Impalpable »
» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »
Samples on request

PACIFIC COAST BORAX COMPANY
Dept. Q
51 Madison Avenue, New York
CHICAGO LOS ANGELES

Oil, Paint and Drug Reporter

The Market Authority Since 1871
Chemicals-Dyestuffs-Drugs-Paints-Oils-Fertilizers

Copyright 1936 by
Oil, Paint and Drug Reporter, Inc.

Founded October 18, 1871, by
William O. Allison

Comprising the Drug, Paint and Oil Trade, the New York Drug Bulletin, the Weekly Drug News, the New York Druggists' Price Current, the Soap Makers' Journal, the Oil and Paint Review, and the International Petroleum Reporter

Entered as second-class matter, January 15, 1884, at the Post Office at New York, N. Y., under the act of March 3, 1879.

Published every Monday by
Oil, Paint and Drug Reporter, Inc.
12 Gold Street, New York, N. Y.
Telephone JOhn 4-2357
Cable Address, Reporter, New York

Harry J. Schnell, President and Treasurer
Frank V. Baldwin, Vice-president
Daniel G. Bogert, Secretary

Advertising rates furnished on application; questionable advertisements refused. Closing dates—Display advertisements, Wednesday noon; classified, Thursday.

Subscription price per year—In the United States, $5.00; Canada, $7.00; other foreign countries, $10.00. Payable in advance.

Address all communications to, and make all remittances payable to Oil, Paint and Drug Reporter, Inc.

Vol. 129 March 2, 1936 No. 9

Closing Market Developments

London Closing Cable

LONDON, Feb. 28, 1936.

Carnauba wax was advanced to 170s. per hundredweight, comparing with 165s. prevailing at the close of the previous period.

Sulphate of Ammonia Firm

Sulphate of ammonia was strong following the advance reported earlier in the week. Some of the smaller mills are reported sold on estimated production through June and in one instance negotiations have been made for July delivery.

Japanese Camphor Higher

Following moderate recession in the shipment prices on Japanese natural camphor at midweek, values advanced late in the period and closed in close to strong position. No change in the local market was made.

Tin Crystals Lower

The price for tin crystals was lower at the close of the week, with sellers listing 36½c. to 37c. per pound. The decline in the market was due to a lower price for Straits tin at 48⅝c. per pound.

Cottonseed Oil Firmer

Cottonseed oil futures were firmer late in the week, a moderate rally occurring on Friday. Offerings were lighter and shorts covered. Crude was steadier in the South, bids being ⅛c. higher in some sections.

Codliver Oil Sales Gain

Further orders of a substantial size and on a prompt delivery basis were reported in the codliver oil market late last week. Prices held unchanged but they were firmer, though still very attractive for buyers' operations. The low price prevailing on futures has caused contract buying for deliveries as far ahead as next September.

Dealer Gasoline Lower

Dealer tankwagon delivery prices for gasoline will be reduced ½c. per gallon today (March 2) in metropolitan New York, Staten Island, and Kings, Queens, Westchester, Nassau and Suffolk counties. Socony-Vacuum will effect the reduction increasing the margin to 5c. for exclusive dealers and 4½c. for divided dealers.

Golden Seal Root Quieter

The local market on golden seal root was quieter at the end of last week. Whole root was offered at the more favorable price of $2.25 to $2.30 per pound and the powdered material was obtainable at $2.40 to $2.45. While stocks were not generally normal in size, there was a fair sized spot holding of the article that was capable of supplying goods to cover any reasonable expansion in consumer interest. These prices were slightly more favorable for buyers.

Contents of This Issue

The Oil, Paint and Drug Reporter is fully protected by copyright, and nothing that appears in it may be reprinted or reproduced in any manner for distribution without special permission.

General Features

Advertisers' Index 61
Bids Wanted 32
Chemical Price Trends 26
Classified Advertisements 60
Closing Market Developments ... 2
Contracts Awarded 32
Corporation Earnings 32
Correspondence ..... —
Dividends Declared 32
Editorials 25
Foreign Tariff Notes 23
Foreign Trade Openings 23
Informative Booklets 32B
Industrial Uses of Chemicals ... 32D
Obituaries 26
Prices Current 4
Scientific, Professional Services. 54
Some New Books ..... —
Trade News Briefs 32C, 40
Trade-Names and Brand-Names. 23
What You Can Use 28
Where You Can Sell 32D

News, Technical and Statistical Articles

Abbott Laboratories Income at New Record 48
Alcohol Labeling and Permit Rules Extended 26
Air Service Praises Cabot 31
Blair to Address Drug Exporters ... 46
Balto. P.V.L.A. Urged to Study Industry Problems 40
Baltimore Drug Bowlers 32C
Cottonseed Statistics: Aug.-Jan 43
Chemists Club Nominates 31
Chemical Labor Schedules Held 27
Chemical Employment in January Showed Loss 26
Commercial Solvents Net for 1935 Up 15 Percent 32B
California 'Stop Loss' Law Declared Invalid 26
Chilean Nitrate Quotas Changed .. 53
Carolina Aniline Expanding 48
Drug Products Founds Fellowship in Cystine 50
Dumping Act Authority Held by Customs Court 27
Drug Act Enforcement Appropriation Reduced 26
Drug Store Chain Sales Up 6.4 Percent in 1935 ..... 32B
Eagle-Picher Lead Co. Made $600,000 in 1935 40
Eastern Tar Products Starts 54
Emerson Drug Wins Suit Against Bromo Chemical 26
Fritzsche Bros. Host to Employees' Dinner Dance 50
F.W.D.A. Pledges Manufacturers Full Support in Their Stabilization Efforts 27
Fertilizer Production by Government Is Advocated 54
Glue Stock Freights Reduced 32C
Glycerin Output in 1935 35
Hayes Sees Business Gains 40
Linseed Oil Drawback Records Made Uniform 52
Insecticide Specification for N. Y. City Revised 48
Import Penalties Proposed as Offset for Subsidies 26
Industrial Alcohol Data 48
London Drug and Oil Data 48
Lacquer Sales: Fourth Quarter, 1935 ..... 32C
Lime Sales Tonnage and Value Higher in 1935 ..... 32C
Methanol Data: December 32C
Mead Johnson Case Postponed 32B
Mineral Producers Under War Act to Get Interest 35
Mica Sales in 1934 39
Martin Takes Larger Quarters 48
March, Thorpe Speakers at Drug Chemical Dinner 26
Narcotics Bureau to Be Definite Entity 27
Narcotic Control Shift Is Opposed at Hearing 27
National Lead Earnings up $1,000,000 Over 1934 40
Petroleum Output: December 52
Paint Credit Ass'n Elects 39
Petroleum Production 51
Petroleum Market Status 51
Pioneer Asphalt Expands 35
Packaging Exposition to Be Held March 3 to 6 ..... 32C
Robinson-Patman Bill May Be Heard Soon 27
Sulphuric Acid Output by Fertilizer Makers: 1935 31
Smith Joins Hopkins Organization. 48
Shellac Shipments in 1935 40
Superphosphate Production: 1935 .. 32C
Tinplate Scrap Exports Put Under U. S. Control 26
Unilever's Suit Against Norway Whalers Settled 32C
U. S. Revenue: January 32C
Vitab Engages Siemers as Technical Director 46
Virginia-Carolina Plans Retirement of Preferred 32
Wittenberg Elected Head Of Synthetic Resin Ass'n 40
World Chemical Developments 28

Market Reports

Heavy Chemicals 29
Acids 31
Insecticides 31

Coaltar Chemicals 33
Acids 33
Basic Products 33
Colors 34
Other Intermediates 33

Dyestuffs and Textile and Leather Chemicals 35
Chemicals 35
Dyestuffs 35
Sizing Materials 35
Tanning Materials 35

Paint, Varnish, Lacquer Materials 36
Driers 39
Dry Colors 37
Fillers and Extenders 37
Glues and Binders 39
Lacquer Materials 38
Metallic Lead and Zinc 36

Paint, Varnish, Lacquer Materials—
Naval Stores 37
Pigments 36
Shellac 38
Varnish Gums 37

Oils, Fats and Waxes 41
Animal Oils 43
Cottonseed Oil 43
Fats and Greases 52
Fatty Acids 52
Fish Oils 43
Linseed Oil 42
Vegetable Oils 41
Waxes 52

Botanical Drugs and Gums 47
Balsams 47
Barks 47
Beans 47
Berries 47
Flowers 47
Gums 48

Botanical Drugs and Gums—
Herbs and Leaves 48
Miscellaneous 48
Roots 48
Seeds 48
Spices 48

Drugs and Fine Chemicals 45

Essentials Oils and Aromatic Chemicals 49
Aromatic Chemicals 50
Essential Oils 49

Petroleum Solvents, Lubricants, Fuels 51
Fuels and Lubricants 51
Lighter Fractions 51
Petrolatums and Waxes 51
Solvents and Diluents 51

Fertilizer Materials 53
Ammoniates 53
Phosphates 53
Potashes 53
Sulphur and Pyrites 53

Import, Export, and Coastwise Shipments

Imports:—
Baltimore 57
Baton Rouge 57
Boston 57
Gloucester 57
Houston 57
Los Angeles 57
New Orleans 57
New York 55
New York in Transit 57
Norfolk 57
Philadelphia 57
Portland, Ore 57
San Francisco 57
Seattle 58
Tacoma 58
Tampa 58

Imports Detained:—
Baltimore 34
Buffalo 34
New York 34
San Francisco 34
Seattle 34

EXports:—
Baltimore 58
Beaumont 58
Boston 58
Galveston 59
Houston 59
Los Angeles 59
Mobile 59
New Orleans 59

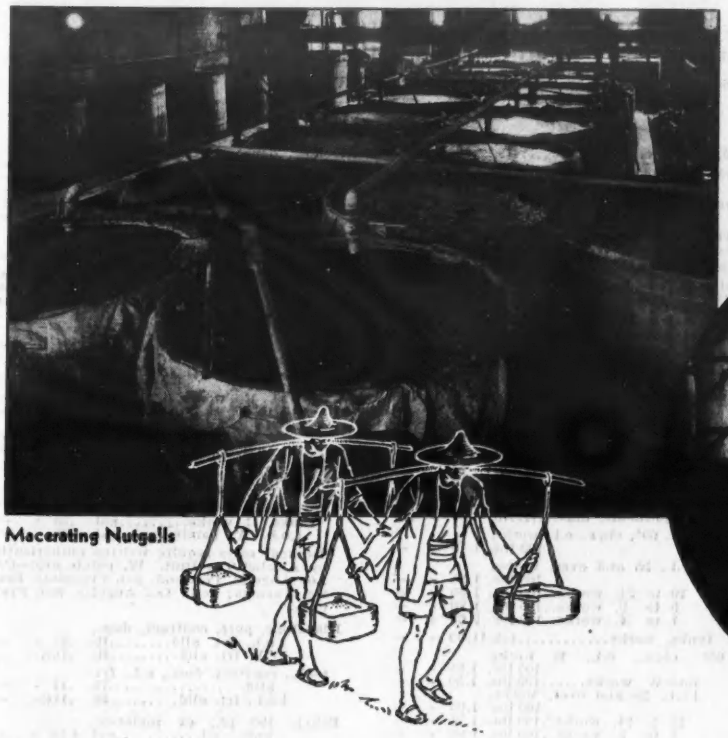
Exports:—
New York 58
Norfolk 59
Panama City 59
Philadelphia 59
Port Arthur 59
Savannah 59
Tampa 60

Coastwise Shipments:—
Los Angeles 60
New Orleans 60
San Francisco 60

Cargo Ship Arrivals 34

Recent Charters 34

Master Craftsmen of CHEMISTRY



Macerating Nutgalls

NO. 5 OF A SERIES
of advertisements portraying the men and the methods responsible for the excellence of the products manufactured by Mallinckrodt Chemical Works.

A. F. GRUPZEMACHER
Superintendent, Tannin Products
Mr. Grupzemacher has devoted over 19 years to the manufacture of Tannin Products in the Mallinckrodt Chemical Works.

"THE SCHOOL OF EXPERIENCE TRAINS MEN TO BE MASTERS"

Tannic Acid

(MALLINCKRODT)

BAGS and bags of carefully selected Chinese Nutgalls—going through cleaning and grinding mills. Rows and rows of macerating tanks—evaporators—dryers—and last but most important, a Mallinckrodt Master Craftsman of Chemistry who has spent years doing the precise same job day after day—watching, timing, testing, speeding up, slowing down — directing other skilled humans in delicate processes no machine can do. Such is the sight that meets the eye of the visitor to the Mallinckrodt tannin manufacturing department.

Tannic Acid U. S. P. Fluffy (M. C. W.) Mallinckrodt

When your prescriptions call for Tannic Acid, use Mallinckrodt Tannic Acid Fluffy and note how outstanding it is for quick solubility in water, alcohol and glycerin, how much lighter and clearer the solutions are, than those obtained with other tannic acids. The M. C. W. product is also so much lighter in color and finer in mesh (180). Its chemical and physical structure are always uniform; tannin assay 90% . . . . Mallinckrodt Tannic Acid is also made in Powdered U. S. P., Technical Powdered and Analytical Reagent Quality.

Other M. C. W. Tannin Products:
ACID GALLIC U. S. P. IX—ACID GALLIC TECHNICAL
ACID PYROGALLIC TECHNICAL
ACID PYROGALLIC CRYSTALS
ACID PYROGALLIC RESUBLIMED

ST. LOUIS
CHICAGO
PHILADELPHIA

Mallinckrodt
CHEMICAL WORKS

MONTREAL
TORONTO
NEW YORK

FINE PRESCRIPTION CHEMICALS

ELEVENTH ANNUAL TRADE DINNER this year is to be held at the Waldorf-Astoria Hotel on Thursday, March 19, under the auspices of the Drug, Chemical and Allied Trades Section of the New York Board of Trade. Be sure to come!

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 2.

Acacia—Alumina Chloride

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls...lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., delvd.lb. .10½- —
l.c.l., delvd....lb. .11 - —
tanks, dlvd....lb. .09½- —
Methyl (see M)
Acetophenone, bots....lb. 1.40 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. ....lb. .07 - —
Acetic, comi. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ....100 lbs. 2.95 - 3.20
80%, bbls....100 lbs. 4.80 - 4.85
cbys. ....100 lbs. 5.10 - 5.25
70%, bbls....100 lbs. 5.75 - 5.98
cbys. ....100 lbs. 6.23 - 6.48
50%, bbls....100 lbs. 6.63 - 6.75
cbys. ....100 lbs. 7.05 - 7.26
glacial, natl., CP., cbys.100 lbs.14.00 - —
comi., bbls....100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., dms....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms..100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 80%, bbls....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
80%, bbls....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
60%, bbls....100 lbs. 6.63 - 6.88
cbys. ....100 lbs. 7.13 - 7.38
30%, bbls....100 lbs. 8.33 - 8.58
cbys. ....100 lbs. 3.83 - 9.08

Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts). $1.50 per 100 lbs. higher. Zone 3 (Pacific Coast). $1.75 per 100 lbs. higher.

Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP., bbls., 225 lbs..lb. .70 - —
boxes, 100 lbs....lb. .71 - —
50 lbs....lb. .72 - —
25 lbs....lb. .73 - —
kegs, 100 lbs....lb. .70 - —
Anthranilic, refd., bbls....lb. .85 - .95
tech., bbls....lb. .75 - —
Arsenic, 75%, tanks, works. 100 lbs. 2.75 - —
tankwagons, works....100 lbs. 2.85 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms, kegs....lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 2.80
Boric, tech., 99.5%, gran., bbls., contracts, 50 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 50 tons, delvd..ton.95.00 - —
c.l., deyl....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 50 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 50 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -120.00

USP., $25 per ton higher.

Brenner's, bbls....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis....lb. .28 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caprcic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .18 - .20
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .17 - .18
Chlorosulphonic, dms....lb. .06½- .06
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¼
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .39 - —
kegs ....lb. .28½- —
gran., bbls....lb. .28 - —
kegs ....lb. .28½- —
powd., bbls....lb. .28½- —
anhyd., gran., dms....lb. .31 - —
powd., dms....lb. .31½- —
Clove's, bbls....lb. .52 - .54
Coconut oil, white, dms....lb. .09½- .10¼
Cottonseed oil, white, dms...lb. .07½- .08
Cresylic, 99%, high-boil., straw color, dms., c.l., f.o.b. seaboard, f'rt. equald. E. producing points.gal. .51 - —
l.c.l., same basis....gal. .53 - —
c.l., West, f'rt, equald. M.W. prod. points..gal. .54 - —
l.c.l., same basis....gal. .56 - —
low-boil, straw color, dms., over 500 gals., frt. equald, nearest competitive prod. point....gal. .98 - —
less 500 gals., same basis gal. .70 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .52 - —
less 500 gals., same basis gal. .56 - —
low-boil, dms., over 500 gals., same basis..lb. .07¾- —
less 500 gals., same basis lb. .06 - —
imported, drums....gal. .58 - .60
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
USP. IX, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms. ....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.25 - 2.36
57%, bots....lb. 2.70 - 2.75
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
66%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 35%, bbls...lb. .11 - .12
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls....lb. .04½- .05
light, refined, bbls....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls....lb. .11½- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1240- .1280
tanks ....lb. .1150- —
extra white, dms....lb. .11 - .11½
split, dms. ....lb. .07¼- .07¾
refined, dms. ....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys., c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys., c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works. 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms. lb. .07 - .09
210-230, dms....lb. .10 - .12
240-280, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys., c.l., works,.100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys., c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys., c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd..100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .13½- .23½

Prices of yellow nitric acid 26c. per 100 lbs. below those above.

Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12¼
Palm oil, dms....lb. .08 - .08½
Para-aminobenzoic, bbls., frt. all'd..lb. 1.26 - 1.30
Peri, bbls....lb. .42 - —
Perilla oil, dms. ....lb. .1110-.1150
Phenylacetic, bots....lb. 2.25 - 2.35
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, a.g. 1.710, djns.lb. .14 - .15
50%, a.g. 1.347, cbys., djns., lb. .14 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, 99%, dms., works..lb. .35 - —
80-85%, dms....lb. .15 - .17½
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, white, dms....lb. .09¼- .09½
Sebacic, tech., bbls., works..lb. .58 - —
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., delvd..lb. .09½- .10¼
single pressed, bgs., delvd.lb. .09 - .10
triple pressed, bgs., delvd.lb. .12¾- .13¼
saponif., double pressed, bgs., delvd..lb. .10 - .11
triple pressed, bgs., delvd.lb. .12½- .13½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works. 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
96%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, white, dms. lb. .16 - .16¾
Tannic, tech., bbls....lb. .22 - .40
USP, fluffy, bbls....lb. .85 - .90
Tartaric, USP, dom., cryst., gran., powd., bbls....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .40 - .45
Aconitine, amorph., vis....oz.17.00 - —
cryst., vis....oz.30.00 - —
Adeps lanae, anhyd., dms....lb. .17¼- .19
hyd., dms....lb. .16 - .18
Agar agar, 1, bls....lb. .70 - .71
2, bls....lb. .65 - .66
3, bls....lb. .55 - .56
Agaric, white, bls....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago..lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .79 - .81
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable, ed., bbls., works..lb. .65 - .70
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd....lb. .157 - —
tanks, dlvd....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld....lb. .11 - —
tanks, frt. alld....lb. .09½- —
secondary, dms, c.l. f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms, frt. alld..lb. .14 - —
Capryl, pure, dms., works....lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl, dom., CP., fiber, cins, 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms....lb. .95 - —
import., 85%, dms., 100 lbs.lb. .85 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 250 lbs....lb. .40 - —
Cinnamic, bots....lb. 2.50 - 2.75
Denatured, CD5 revis.; 5A; 10, 188 pf., dealers, 54-gal. dm., dlvd. E..gal. .44 - —
5-gal. dm., dlvd. E..gal. .50 - —
1-gal. can, dlvd. E..gal. .55 - —

Prices for territories other than E. of Rockies 5c. per gal. higher. Authorized jobbers' discount 20%. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
l.c.l., 5 to 19, E. works, gal. .40 - —
1 to 4, E. works...gal. .42 - —
Alcohol, denat., SD1, 190 pf., dms., c.l., E. works...gal. .33 - —
f.o.b. W. points...gal. .39 - —
l.c.l., 20, E. works..gal. .35 - —
5 to 19, E. works..gal. .39 - —
1 to 4, E. works..gal. .41 - —
l.c.l., f.o.b. W. points, gal. .43 - —
tanks, E. works....gal. .28 - —

Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.

Special solvent, dms., c.l., E. works..gal. .34 - —
f.o.b. W points....gal. .40 - —
l.c.l., 10 to 71, f.o.b. W. points..gal. .50 - —
20, E. works....gal. .36 - —
5 to 19, E. works....gal. .40 - —
5 to 9, f.o.b. W. points, gal. .32 - —
1 to 4, E. works....gal. .42 - —
f.o.b. W. points...gal. .54 - —
1 or more for paint mfrs. or jobbers, f.o.b. W. points..gal. .44 - —
tanks, E. works....gal. .29 - —
f.o.b. W. points....gal. .36 - —

Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.

Diacetone, pure, contract, dms., c.l., frt. alld....lb. .18 - —
l.c.l., frt. alld....lb. .18½- —
tech., contract, dms., c.l., frt. alld....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l....gal. 4.13 - —
l.c.l. ....gal. 4.15 - 4.25
dms., c.l....gal. 4.12 - —
l.c.l. ....gal. 4.14 - 4.24
tanks ....gal. 4.07 - —
absolute, dms....gal. 4.54 - 6.08½

Grain alcohol 40c. per gal. higher.

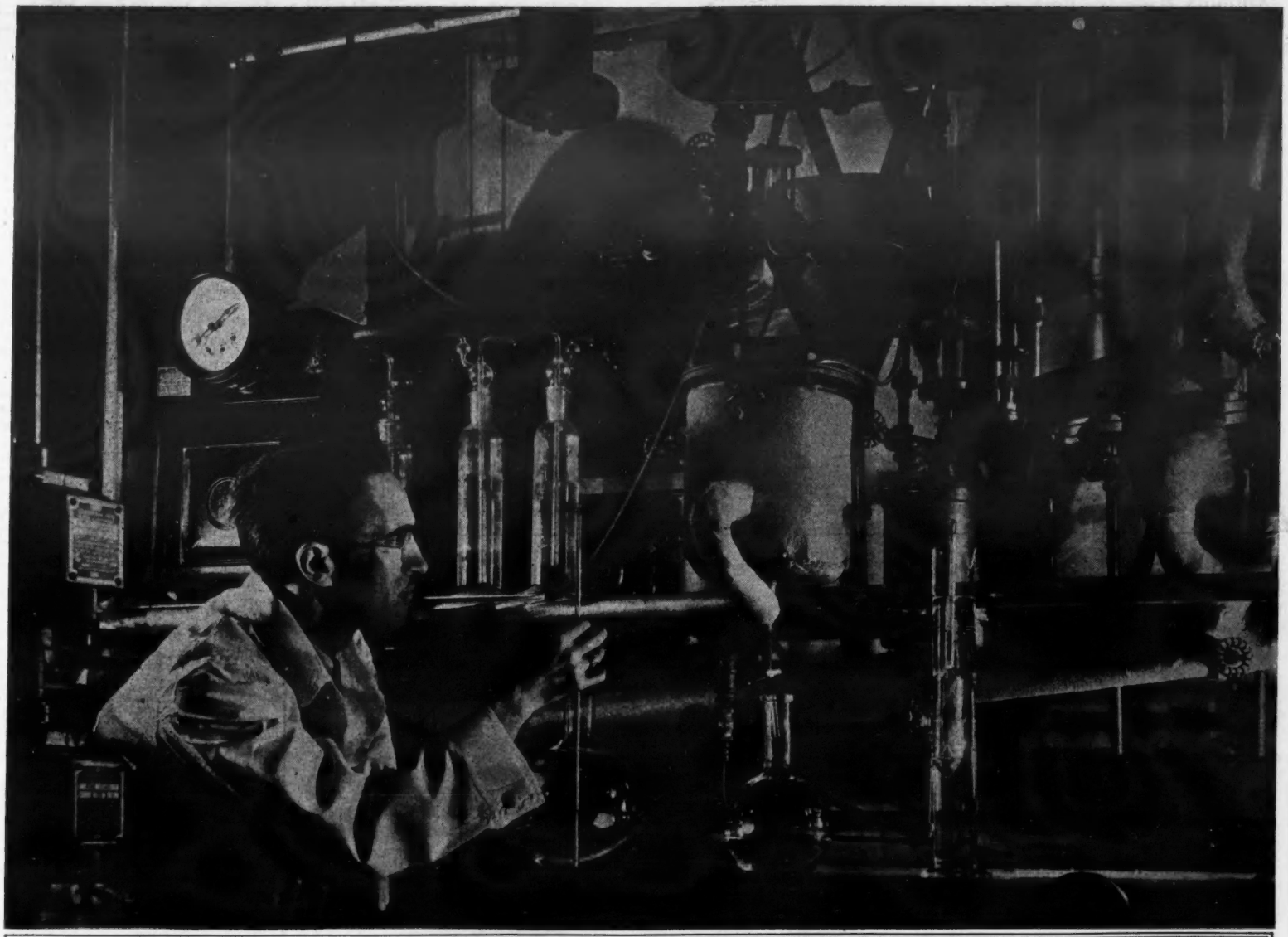
Hexyl, secondary, dms., c.l., f.o.b., dest....lb. .125 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .11½- —
l.c.l., same terms....lb. .13 - —
tanks, same terms....lb. .10½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .90
98%, dms., c.l., same terms, gal. .80 - —
l.c.l., same terms....gal. .85 - 1.15
Methyl (see Methanol)
Phenylethyl, bots....lb. 3.00 - 4.25
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .86
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .80 - .81
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs....lb. .15 - .16
Curacao, cs....lb. .26 - .27
gourds, bbls....lb. .50 - .61
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.60 - 1.65
Alphanaphthol, bbls....lb. .60 - .68
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cut, bls....lb. .25 - .30
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry L.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 4.85
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .35 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works....lb. .08 - .09½



Specification-built SOLVENT FORMULAS

ALCOHOLS & SOLVENTS BY PUBLICKER

ALCOHOLS
- Pure Ethyl Alcohol, Grain and Cane
- Ethyl Alcohol U. S. P. Anhydrous
- Completely Denatured Alcohol
- Specially Denatured Alcohol
- Butyl Alcohol Normal
- Butyl Alcohol 115-118°
- Refined Fusel Oil

KETONES
- Acetone (Commercial)
- Acetone C. P.

ESTERS
- Amyl Acetate Standard 85-88%
- Amyl Acetate High Test 85-88%
- Amyl Propionate 95-100%
- Butyl Acetate 90-92%
- Ethyl Acetate 85-88%
- Ethyl Acetate 99-100%
- Ethyl Acetate U. S. P.

PROPRIETARY SOLVENTS
- Paco Solvent T. R. 590
- Paco Solvent T. R. 590 Anhydrous
- Solvent combinations for the Paint, Lacquer, Varnish and Allied Industries.

FREE!

Be sure to ask us to send you a copy of the new handbook "Alcohols & Solvents" by Publicker.

The Specification-built Solvent Formulas developed by The Publicker Laboratories have resulted either in lowering production costs or improving quality for large and small manufacturers in the Paint, Lacquer, Varnish and Allied Industries. At no cost or obligation The Publicker Laboratories offer you a similar service.

PUBLICKER

260 SOUTH BROAD STREET · PHILADELPHIA · PENNSYLVANIA

Alumina Hydrate—Barium

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - —
less than 20, works.....lb. .04½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16½- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd. met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l. works.....100 lbs. 2.45 - 2.80
truckloads, dlvd.. met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —

Alumina sulphate (Cont.):—
0 to 9, dlvd. met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l..lb. .19 - .19½
l.c.l. .....lb. .20 - .21
powder (see Bronze powder)
Ambergris, gray, tins.....oz. 22.00 -35.00
Amidopyrene, cns.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.).works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Acetate, kgs.....lb. .28 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .06½
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd N.Y.....100 lbs. 5.71 - —
Biduoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .39 - .40
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, caks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
cake .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .85
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15

Ammonia, iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 50%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., casks.....lb. .04 - .04½
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP., kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Mar.-Jun., dlvd. Ill., Ind., Mich., Ohio..ton. 26.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton. 25.00 - —
Birmingham, Ala ovens..ton. 25.00 - —
Northern ovens....ton. 23.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y..ton. 24.00 - —
dbl bgs., export, f.a.s. N.Y. ton. No prices
import., bulk, c.i.f. Atlantic ports..ton. 25.00 - —
bgs., c.i.f. Atlantic ports.ton. 27.00 Nom.
Ammonia, sulphide, liquid, dms. lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —

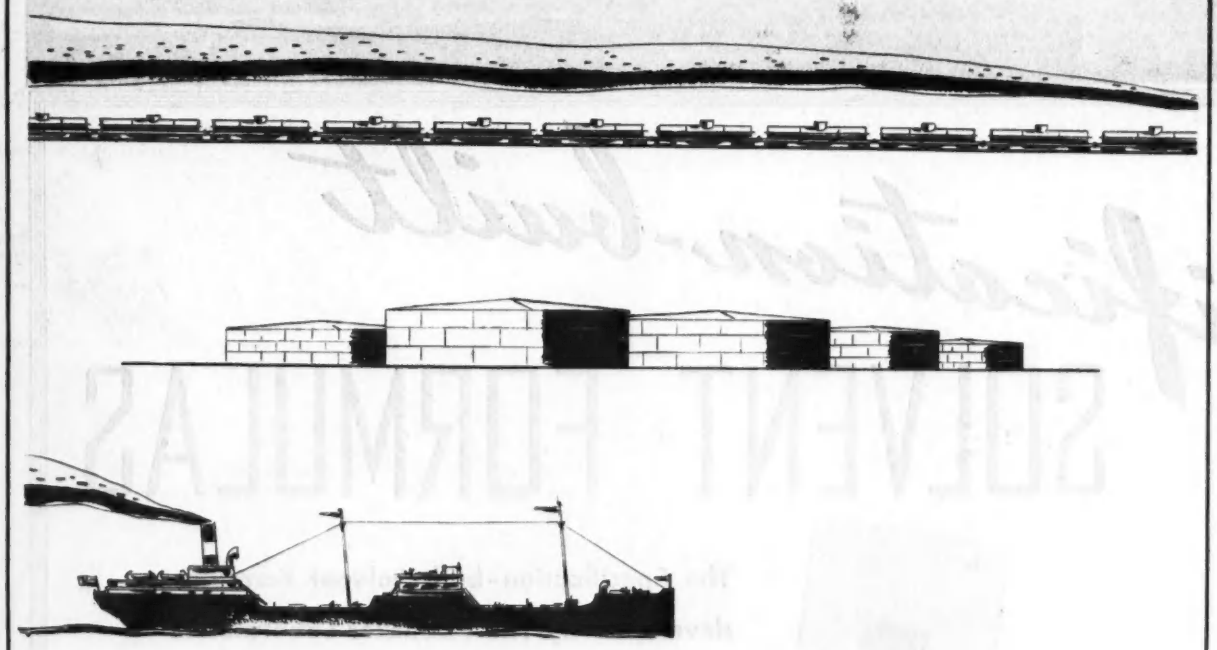
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import., gran., caks.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
import., cake.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., delvd. lb. .142 - —
l.c.l., delvd.....lb. .149 - —
tanks, delvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works. lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cns.....lb. 1.05 - 1.25
Amylene, dms., c.l.....lb. .103 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .08 - —
Anethol, bots.....lb. .93 - 1.05
Angelica root, dom., bls.....lb. .25 - .26
import., natural, bls.....lb. .60 - .65
twisted, bls.....lb. .70 - .75
Angostura bark, bls.....lb. .35 - .40
Anilin oil, dms.....lb. .16½- .17½
tanks .....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs.....lb. .09½- .09½
Star, bgs.....lb. .11 - .11⅛
Anisic aldehyde, bots.....lb. 2.65 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls lb. .50 - .53
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys.lb. .13 - .17
import., cbys.....lb. .14½- —
Metal, dom.....lb. .13¼- —
import .....lb. .13¼- —
Needle, powd., bbls.....lb. .11½- .12
Oxide, dom., bbls., c.l.....lb. .13½- —
l.c.l. .....lb. .13¾- —
imports, bbls. .....lb. .13½- .13¾
Salt, 43-45%, kgs.....lb. .22 - .24
Sulphuret, golden, bbls.....lb. .22 - .28
White pigment, bgs., Texas works, frt. alld. to ¼c. lb. c.l..lb. .10½- .13¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 23.70 -23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., vls..oz. 5.50 - 5.75
Argols, crude, 80%, cake.....lb. .07 - .08
80-85%, cake .....lb. .14 - .15
Arnica flowers, bls.....lb. .28 - .29
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .03¾- .10¼
bbls. .....lb. .09 - .11
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .48
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs, c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bots..lb. 1.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .30 - .31
Asbestine (see Talc, N.Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 35.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton. 27.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton. 14.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N.Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03¼- —
AA, bgs., 20 tons, f.o.b. N.Y.lb. .03¼- —
smaller lots, f.o.b. N.Y..lb. .10¼- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N.Y.....ton. 36.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b. N.Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N.Y....ton. 35.00 - —
l.c.l., f.o.b. N.Y.....ton. 55.00 - —
Egyptian, bgs, c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton. 32.00 - —
seconds, bgs., c.l., Colo. points .....ton. 25.50 - —
selects, bgs., c.l., Colo., Utah points..ton. 30.50 - —
l.c.l., f.o.b. N.Y.....ton. 49.50 - —
Maltha, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N.Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05½- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo. refinery.....gal. .07¼- —
Atropine alkaloid, vls.....oz. 5.25 - 5.50
Sulphate, vls.....oz. 2.25 - 2.65

B

Balm of Gilead buds, bgs.....lb. .21 - .28
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .17 - .18
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90% grd., bgs., c.l., works, ton. 42.00 - —
99% 200 mesh, bgs., c.l., works..ton. 45.00 - —
precip., bgs.....ton. 58.50 -61.50
Chlorate, kgs.....lb. .15¾- .17¼
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls.,bgs., c.l., works..ton. 72.00 -74.00
l.c.l., delvd., N.Y..ton. 82.00 -87.00

You buy and sell it . . .

We'll do the rest



And that holds true for any liquid commodity. General American will furnish tank cars of the exact type you need, when and where you need them. GATX will safely store your product at any of its five strategically located terminals for any length of time you desire. We will load it on the steamer at our docks, obtain your bills of lading and certificates. We will do your barrelling, drumming and casing for you. Truly, all you have to do is buy it and sell it . . . we'll do the rest.

GENERAL AMERICAN TANK STORAGE & TERMINAL CO., Inc.

Can handle anything that will flow through a pipe line

GATX GENERAL AMERICAN

General American's newest terminal, at Houston, is the most efficient public terminal in the Southwest. If you export or import in this territory, you certainly should learn about the money saving advantages it offers you.

Terminals: Goodhope, La.; Westwego, La.; Corpus Christi, Texas; Houston, Texas; Carteret, N.J.
Office: 135 S. LaSalle Street, Chicago, Ill.

A SUBSIDIARY OF GENERAL AMERICAN TRANSPORTATION CORPORATION

Barium, dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .05¼- .06
Iodide, bots.....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, cake.....lb. .08¼- —
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex wrhse., Boston. ton.26.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex wrhse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.95 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.00 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.29.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex wrhse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex wrhse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .12 - .14
Bentonite, 1, 96% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92% 200 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .65
USP, IX., dms.....lb. 1.10 - 1.20
USP, X., dms.....lb. 1.50 - 1.55
Benzene (see benzol).
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .13 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha, gal. .19 - —
pure, dms, works.....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns, works.....lb. 1.35 - —
Benzyl acetate, f.f.c., bots.....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., tins..lb. .85 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .35
Formate, cns.....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.25 - 3.50
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots.....lb.13.00 - —
Sulphate, bots.....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls.....lb. .60 - —
tech., bbls.....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth chloride, bxs.....lb. 3.20 - 3.35
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 4.05 - 4.10
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Subsocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld.E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd .....lb. .07½- —
ctns, l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .09½- —
l.c.l., dlvd.....lb. .10½- —
cs. l.c.l., dlvd.....lb. .12 - —
3, bgs, c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd.....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs, c.l., deliv'd rail zone A. (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports..lb. .0475 - —
30,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0530 - —
l.c.l., dlvd. all zones....lb. .07 - —
Black, carbon, standard, l.c.l., ctns., dlvd. all zones..lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .09½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .06 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y...lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .22 - .25
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.65.00 - —
l.c.l. .....ton.70.00 - —
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 3.20 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 3.25 - —
import, bgs., c.l.f., ports, March shipt. unit-ton. 3.00 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .27 - —
open order.....lb. .33½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38¼- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls. same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls. same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 3.85 - —
16-25, same basis..100 lbs. 4.00 - —
6-15, same basis..100 lbs. 4.10 - —
3-5, same basis..100 lbs. 4.35 - —
1-2, same basis..100 lbs. 4.55 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .08½
jobbers, E. of Rockies..lb. .08 - .091
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .096
Blueflag root, bls.....lb. .12 - .14
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.20.00 -22.00
S.A., bgs., c.i.f. ports...ton.27.00 -28.00
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.15.00 -16.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
Meal, steamed, dom., 2% ammon., 50% phos., bgs., f.o.b. Chicago..ton.17.00 -19.00
import, bgs., c.i.f. ports.ton.23.25 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.).
Borage flowers, bls.....lb. .20 - .22
Borax, tech., 99½%, cryst., bbls., contracts, 80 tns min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15½
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18¼
West .....lb. .09¼- .11½
jobbers, East.....lb. .08¾- .14⅞
West .....lb. .08¼- .10½
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., c.l., works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum, dry, lining, ext. fine, dms., 30,000 lbs., f.o.b. ship. pt. (see note below).....lb. .90 - —
3,000-30,000 lbs., same basis..lb. .93 - —
1,000-3,000 lbs., same basis..lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis..lb. .52 - —
1,000-3,000 lbs., same basis..lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .39 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .39 - —
less than 1,000 lbs., same basis..lb. .50 - —
extra, dms., 30,000 lbs., same basis.....lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —

Barium Diox.—Calcium Arsen.

Bronze powder, aluminum, paste, ink, dms., 30,000 lbs., same basis .....lb. .75 - —
3,000-29,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lb. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —
Aluminum powder and paste, paint grades, c.l. prices, 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. not subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco, 1c.; Dallas, Tulsa, 1¼c.; Denver, 2c.
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cake., f.o.b. N.Y. or works.lb. .12¼- —
Metallic, bbls., works... ....lb. .02 - —
paper bgs., c.l., works. ....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07¼- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06 - —
13, bbls., same basis....lb. .05¾- —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works.lb. .03½- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .09¾- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb .06¾- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works. lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04¼- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0450- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .06¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .06 - .08
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .30 - .31
Buckthorn bark, true, bls....lb. .04½- .05
Berries, bgs.....lb. .20 - .27
Burdock root, bls.....lb. .10 - .11
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .13
Butanes, coml., 16-32°, tanks, group 3..gal. .02½- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., drms., c.l., contract, frt. alld..lb. .10½- —
l.c.l., contract, frt. alld.lb. .11 - —
tanks, contract, frt. alld.lb. .09½- —
secondary, dms., c.l., f.o.b. dest..lb. .03½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.54 - 1.59
Iodide, bots., jars.....lb. 3.90 - 3.95
Lithopone (see Yellow)
Metal, cs.....lb. 1.05 - —
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.02 - 4.07
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleach., cs.....lb. .38 - .40
Calcium acetate, bgs., dlvd. 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06¼- —
dealers, E. of Rockies..lb. .06¼- —
South .....lb. .06¼- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .08¾- —
jobbers, E. of Rockies..lb. .08¾- —
South .....lb. .08¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs., or over; no frt. or truck allowance for plant or whse. pick-up.

Calcium Bromide—Dyes, coaltar

Calcium bromide, jars.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
tech., bbls. (125 lbs.).....lb. .28 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.80 - 3.85
Lactate, USP, bbls.....lb. .30 - .31
Nitrate, bgs., to fert. mfrs., ex vessel..ton.24.25 -25.00
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .61 - —
monobasic, bbls.....lb. .07½- .08¾
Resinate, precip., bbls., 1 ton.lb. .15 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l. .....ton.56.00 - —
luminous, dom., tins, works, lb. .60 - —
Sulphocarbolate, cs .....lb. .47 - .48
Calendula flowers, bls.....lb. .75 - .80
Calomel, bxs., kgs.....lb. 1.08 - —
Camphor, natural, powd., cs...lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .59 - .60
synthetic, dom., gran., powd., bbls.,2,000 lbs.....lb. .50¾- —
500 lbs.....lb. .52¾- —
100 lbs.....lb. .53¾- —
tablets, cs, 2,000 lbs.....lb. .55 - —
500 lbs.....lb. .57 - —
100 lbs.....lb. .58 - —
Monobromate, bxs., kgs.....lb. 1.00 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06 - .06½
Morocco, bgs.....lb. .07½- .07¾
Turkish, bgs.....lb. .07½- Nom.
Canella alba bark, bls.....lb. .88 - .89
Cannabis herb, bls.....lb. .16 - .17
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .90 - .95
Russian, cs.....lb. 1.60 - 1.65
powd., bxs.....lb. 1.95 - 2.00
Caraway seed, Dutch, bgs.....lb. .08¾- .09¼
Carbasole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
98-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .83 - —
l.c.l., works.....lb. .84 - —
tanks, works.....lb. .82 - —
Methylpropyl, dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05½- .06¼
tanks .....lb. .04½- —
Dioxide, cyls.....lb. .08 - .09
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (50 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va.. lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06½- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06½- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. .95 - 1.20
decorticated, cs.....lb. .82 - .84
green, bgs.....lb. .65 - .67
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .18
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
30%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.....lb. .14½- —
5 tons, works.....lb. .15½- .16
smaller lots, works.....lb. .15¾- .16½
80-100 mesh, bgs., c.l., dlvd.. lb. .15 - —
5 tons, works.....lb. .16 - .16½
smaller lots, works.....lb. .16½- .17
Import, Argent., 20-30 mesh., bgs., c.l., duty pd.....lb. .14 - —
80-100 mesh, bgs., c.l., duty pd..lb. .14½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .14 - .14½
Cassia, Batavia, 1, bgs.....lb. .13¾- .14½
2, bls.....lb. .09 - .09½
short stick, bls.....lb. .11¾- .12½
China, rolls, select, cs.....lb. .06¾- .06¾
broken, extra, bls.....lb. .06¼- .06¾
Saigon, cs.....lb. .17¾- .18¾
Cassia, buds, cs.....lb. .16¾- .16¾
Cassia fistula, bakts.....lb. .08 - .09
Castile soap, white, bars, cs... 40 lbs.20.00 - —
powd., bbls.....lb. .22 - .23
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5¼% ammon., bgs., c.l., works.....ton.15.50 - —
Import, bgs., c.i.f. ports, shipment..ton.18.00 Nom.
Catnep leaves, bls.....lb. .20 - .21
Celery seed, French, bgs.....lb. .21 - .22
Indian, bgs.....lb. .15 - .15½
Celluloid scrap, amber, cs., works..lb. .17 - —
black, mixed, cs., works...lb. .06 - —
colored, single, cs., works.lb. .10 - —
ivory, grained, cs., works..lb. .18 - —
ungrained, cs., works....lb. .18 - —
transparent, cs., works....lb. .20 - —
Shavings, amber, cs., works.lb. .15 - —
colored, mixed, cs., works..lb. .12 - —
white, cs., works.....lb. .15 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y..bbl. 6.10 - —
truck divy.....bbl. 7.40 - —
less than 5 tons, truck divy. bbl. 8.06 - —
Cerium hydrate, dms., works.lb. .65 - —
Oxalate, USP, bbls., works..lb. .29 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .26 - .27
Roman, bls.....lb. .40 - .42
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.25.40 - —
Ariz., Utah.....ton.30.00 - —
Ark., Ill., Ind., Iowa, Kan., La., Minn., Mo., Neb., Okla., Wis. ton.23.00 - —
Colo. .....ton.28.00 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.25.80 - —
Mich., Ohio, Penn.ton.24.80 - —
N. D., S. D.....ton.26.00 - —
Texas .....ton.24.00 - —
El Paso.....ton.28.00 - —
l.c.l., works..... ....ton.18.00 - —
Willow, powd.,bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01¾- —
tanks .....lb. .01½- —
powd., bgs., works.....lb. .04¾- —
China clay, dom., dry-grd., air-float., 99.75% 800 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.25.00 - —
ex whse.....ton.27.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd..lb. .05¼- —
contracts, dlvd.....lb. .05¼- —
l.c.l., dlvd.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald..100 lbs. 2.30 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone,tins,works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, cemi., cyls., works. lb. .85 - .90
Chrome acetate, 7½-8% Cr., bbls. lb. .06 - .09
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearla, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.35 - 3.50
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs.....lb. .35 - .36
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .16 - .17
Cinchonidine, cryst., powd., cns.oz. .80 - .87
Sulphate, cns.....oz. .47 - —
Cinchonine, cryst., powd., cns.oz. .50 - .58
Sulphate, cns.....oz. .34 - —
Cincophen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, lb.....lb. .14¾- .15¼
3, bls.....lb. .14½- .15
Citral, cns.....lb. 1.75 - 2.50
Citrine ointment, jars, tubes.lb. .57 - —
Citronellal, bots.....lb. 2.00 - 2.50
Citronellol, bots.....lb. 2.10 - 2.50
Clove, Madagascar, bls.....lb. .14 - .14½
Zanzibar, bls.....lb. .13¾- .14¼
Clover tops, bls.....lb. .12 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works..bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd....lb. .55 - .57
kgs., dlvd.....lb. .62 - —
Carbonate, tech., bbls., dlvd.lb. 1.35 - —
Hydrate, bbls.....lb. 1.66 - 1.76
Linoleate, paste, dms.....lb. .30 - —
solid, 5¼%, bbls.....lb. .31 Nom.
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.29 - 1.39
Resinate, fused, A, bbls.....lb. .12¾- —
1%, bbls.....lb. .11¾- —
2%, bbls.....lb. .16 - .16½
3%, bbls.....lb. .17 - .17½
precip., dms., dlvd.....lb. .31 - —
Sulphate, dms.....lb. .46 - —
Cocaine hydrochloride, cns....oz. 9.75 -10.00
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .24 - .25
Cocoa butter, lump, bgs., c.l.lb. .15 - —
Codeine, cns., 100 ozs.....oz.11.70 -12.45
Hydrochloride, cns.. 100 ozs..oz.10.50 -10.55
Phosphate, cns., 100 ozs....oz. 9.00 - 9.05
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07 - .07½
Blue, root, bls.....lb. .06 - .06½
Colchicine, vls.....oz.24.00 -25.00
Colchicum seed, bgs.....lb. .26 - .27
Collodion, USP, dms.....lb. .12 - .13
Flexible, USP, dms .....lb. .14 - .15
Colocynth pulp, bls.....lb .70 - .75
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08½- .09
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .14 - .15
Copaiba balsam, Para, cns.....lb. .18 - .20
S.A., US.P, cns.....lb. .20 - .22
Copper carbonate, 52-55%, bbls.lb. .14½- .16¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09¼- .09½
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .14½- —
smaller lots, works.....lb. .15 - —
red, com'l, 80-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.. 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.40 - —
1-4, works.....100 lbs. 1.50 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0265-.0275
Coriander seed, Morocco, bgs.lb. .05½- .06
bleached, bgs.....lb. .07 - .07½
Russian, bgs.....lb. .03 - .03½
Corn sugar, tanner's, bbls., dlvd. 100 lbs. 3.18 - —
ex whse.....100 lbs. 3.08 - —
Syrup, 42°, bbls.....100 lbs. 3.10 - —
43°, bbls.....100 lbs. 3.20 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, bxs., fib. dms., kgs..lb. .81 - .96
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.00 - —
Coumarin, cns.....lb. 3.10 - 3.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .10 - .11
Cream tartar, cryst., bbls....lb. .17¼- .17¾
kgs. .....lb. .17¾- .18
gran., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17½
powd., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17½
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works.gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .109 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33¼- —
1 ton, same basis.....lb. .35 - —
1,000 lbs., same basis..lb. .36 - —
1 bbl., same basis.....lb. .38 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28¼- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis..lb. .31 - —
1 bbl., same basis.....lb. .33 - —
3% rotenone, bbls., 5 tons, same basis..lb. .24¼- —
1 ton, same basis.....lb. .26 - —
1,000 lbs, same basis.lb. .27 - —
1 bbl., same basis.....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .37 - .38
powd., cs.....lb. .40 - .41
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .12¾- .13¼
Indian, bgs.....lb. .12 - .13
Morocco, bgs.....lb. .12¾- .13¼
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, divd. interior..unit-ton. 1.07½- —
Atlantic ports..unit-ton. 1.00 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .10 - .12
Degras, common, dom., bbls., c.l., works..lb. .05¼- .05¾
l.c.l., works.....lb. .05¾- .06
English, bbls.....lb. .08¾- .10¼
neutral, dom., bbls.....lb. .08 - .10
English, bbls.....lb. .09¼- .11¾
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto. .....lb. .43 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis..lb. .46 - —
1 bbl., same basis.....lb. .48 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis.....lb. .38 - —
1,000 lbs., same basis..lb. .40 - —
1 bbl., same basis.....lb. .42 - —
3% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis..lb. .35 - —
1 bbl., same basis.....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.10 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.75 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.70 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca ,bgs., ex whse.....lb. .06 - —
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
5-gal. dms., works.....lb. .23 - —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., l.c.l., works. lb. 1.00 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific est., works. ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
Import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .19½- .22½
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .30 - .35
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .032 - —
l.c.l., works.....lb. .04 - —
tanks, works.....lb. .025 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylaniliin, dms.....lb. .52 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16¼- —
l.c.l., works.....lb. .17½- —
Monobutylether, dms., works.lb. .36 - .37
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, bls.....lb. .24 - .25
Diglycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .07 - .07¼
recleaned, bgs.....lb. .06½- .07
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylaniliin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- .16½
oily, dms.....lb. .08½- .10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .44 - .47
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .85 - 1.25
Diphenylamine, bbls.....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipmeat.....ton.34.00 Nom.
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, ons.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .85 - .85
reeds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vls.....os.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
56 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. 1.25 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42½
485 Benzo purpurin 10B...lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF...lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Violet:—
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —

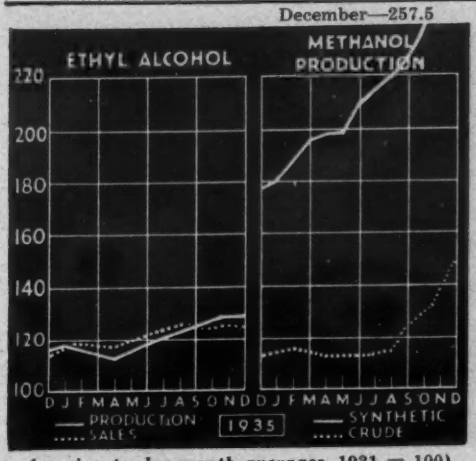
Recd. 3/3/36

ADVERTISEMENT—*This entire page is a paid advertisement.*

SOLVENT NEWS

Reg. U. S. Pat. Off.

MARCH ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1936



(moving twelve-month averages, 1931 = 100)

		1935	1934
ETHYL ALCOHOL			
Production			
1000	Jan.-Dec.	193,415	180,194
proof	December	17,190	17,065
gals.	November	19,729	19,550
Withdrawals			
1000	Jan.-Dec.	196,198	180,392
proof	December	15,113	17,163
gals.	November	20,064	19,041
METHANOL			
Crude			
Production	Jan.-Dec.	5,049	4,122
1000	December	478	375
gals.	November	478	366
Synthetic			
Production	Jan.-Dec.	18,047	12,534
1000	December	1,655	1,302
gals.	November	2,373	1,790

SOLVENT MARKET INACTIVE

While the market for solvents was slow through the month of January, the outlook for the spring period is definitely encouraging. General trade was better in December and this will undoubtedly be reflected in the solvent market.

Cold weather during February has held down activity in the paint and varnish trade. On the other hand, alcohol producers have benefited from the weather through increased consumption of anti-freeze. Premium grade anti-freezes have been widely accepted and manufacturers' stocks have moved out satisfactorily.

The absence of the usual seasonal demands of the automobile industry, which formerly served to improve the solvent market at this time, is one factor which accounts for its present condition.

SALES OF PAINT, VARNISH AND LACQUER INCREASE DURING 1935

Sales of paint, varnish and lacquers increased during 1935 by approximately 21% over 1934, a recent report states. The data indicating this increase has been reported by 579 establishments of all classifications. Total sales during 1935 amounted to $334,277,609 while the figure for 1934 was $276,206,117.

According to the U. S. Department of Commerce reports of sales by 344 industrial establishments, as differentiated from trade and unclassified establishments, show an increase of approximately 28% for 1935 over 1934. They amounted to $99,053,951 in 1935 and $77,614,508 in 1934.

PLANS COMPLETED FOR ANNUAL DRUG CHEMICAL & ALLIED TRADES DINNER

Ray A. Whidden is Toastmaster; Many Prominent Guests Invited

Arrangements for the Eleventh Annual Drug, Chemical and Allied Trades Banquet to be held Thursday, March 19th at the Hotel Waldorf-Astoria, have been completed, according to an announcement received from W. A. Armstrong, Chairman of the Publicity Committee.

Lee H. Bristol, Chairman of the Program Committee has reported that Ray A. Whidden, of Chicago, President of Bauer and Black, has been secured as Toastmaster of the 1936 Dinner.

The Chairman of the Drug, Chemical, and Allied Trades Section of the New York Board of Trade, James C. Chilcott, states that invitations have been issued to many prominent persons and he assures all of a most interesting evening.

Ray C. Schlotterer, Secretary of the Section is again in charge of reservations. All planning to attend are urged to get in touch with Mr. Schlotterer at 41 Park Row, New York, as soon as possible.

U S I

A waterproofing process for treatment of masonry, hollow tile, brick, and cinder blocks, has been so improved by adding a final aluminum priming coat to the black waterproofed surface, that a final finish in any desired color may be obtained. It is stated that each of the four coats required to complete the process can be applied with a spray gun.

AMYL PROPIONATE POPULAR AS HIGH-BOILING LACQUER SOLVENT

Offers Definite Advantages Over Butyl Propionate

Since the U. S. Industrial Chemical Co., Inc., introduced amyl propionate to its trade a few months ago this high-boiling solvent has been widely accepted by the lacquer industry and a continuing demand is anticipated. The addition of this product to the U. S. I. line of esters and alcohol derived chemicals has been a logical step, as U. S. I. is a large producer of amyl alcohol.

Amyl propionate is a high-boiling nitrocellulose solvent in the same class as butyl propionate, ethyl lactate, etc. It finds most satisfactory use in dipping and brushing lacquers and similar slow-evaporating compositions. Compared with butyl propionate, it has the advantages of better flow, greater blush resistance and a more pleasant odor.

Lacquer manufacturers have long known of propionic esters and have used them on account of their blush resistance and leveling out properties. Until U. S. I. entered this field, amyl propionate was not readily available, and sold at a higher price than the butyl ester. Adequate supply of raw materials and an efficient manufacturing process now enable U. S. I. to offer amyl propionate on the same price level as butyl propionate. Thus the buyer is in a position to secure the preferred solvent at no greater cost.

(Continued on next page)

Comparative Specifications of Amyl & Butyl Propionate

AMYL PROPIONATE	BUTYL PROPIONATE
Specifications	
Acidity: Free acid as propionic, not more than 0.03%	**Acidity:** Free acid as propionic, not more than 0.03%
Color: Water white.	**Color:** Water white.
Distillation Range: Below 135°C..None. Below 150°C..Not more than 30% Below 165°C..Not less than 90% Above 175°C..None.	**Distillation Range:** Below 120°C..None. Below 140°C..Not more than 50% Below 150°C..Not less than 85% Above 160°C..None.
Dryness: Miscible without turbidity with 20 volumes 60° Baumé gasoline at 20°C.	**Dryness:** Miscible without turbidity with 20 volumes 60° Baumé gasoline at 20°C.
Non-Volatile Matter: Not more than 0.005 gms. per 100 cc.	**Non-Volatile Matter:** Not more than 0.005 gms. per 100 cc.
Odor: Non-residual.	**Odor:** Non-residual.
Purity: Ester content as Amyl Propionate, not less than 90%	**Purity:** Ester content as Butyl Propionate, not less than 90%
Specific Gravity: At 20/20°C. .....0.868—0.874	**Specific Gravity:** At 20/20°C. .....0.870—0.875
Properties	
Blush Resistance at 90° F. Clear Blush Relative Humidity ....95% ——	**Blush Resistance at 90° F.** Clear Blush Relative Humidity 85% 90%
Dilution Ratio: With Toluol .....1.6 With Petroleum Naptha 0.9	**Dilution Ratio:** With Toluol .....2.0 With Petroleum Naptha 1.1
Weight per gallon at 20°C: Approximately 7.25 lbs.	**Weight per gallon at 20°C:** Approximately 7.27 lbs.

Prepared Monthly by the U. S. Industrial Chemical Co., Inc.

ADVERTISEMENT—*This entire page is a paid advertisement.*

MARCH ★ **SOLVENT NEWS** ★ 1936

POLARIZING "GLASS" EMBODIES CELLULOSE ACETATE COMPOSITION

A new cellulose acetate material which can be placed between layers of glass to effect the polarization of light, has been developed recently.

The material which is known as "Polaroid," is now produced commercially and tests have indicated that it can be employed practically to reduce light glare, to aid in the visual detection of flaws in structural members, and in specialized photography.

This light-polarizing "glass" when used in a single layer, allows light to pass in one plane only and when two layers are placed together with their axes of polarization at right angles, little if any light will pass through.

It has been suggested that automobile headlights be fitted with polarized "glass" transmitting rays in a predetermined plane, and that windshields be made of "glass" polarized at 90° to the headlight "glass." This arrangement, it is stated, would in effect, reduce glare to a negligible factor and still permit satisfactory visibility.

DEMAND FOR TUNG OIL GAINS

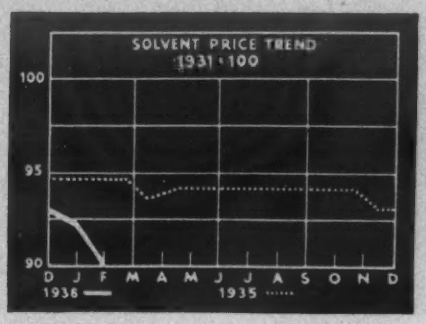
The demand for China tung oil, one of the most important raw materials entering into the manufacture of high grade paints and varnishes, has increased sharply during recent months.

According to a Department of Commerce release, importations during December, 1935, and January, 1936, amounted to 36,400,000 pounds, or approximately 30% of the total amount shipped into the United States during the year 1935.

During 1935 importations of tung oil amounted to 120,000,000 pounds, a figure which represents an increase of approximately 10% over 1934 importations, or 109,787,000 pounds.

U S I

Synthetic wool made from casein is now commercially available in Italy. In the process used, casein is dissolved and is forced through centrifugal spinnerettes in the same way that rayon is manufactured. It is said that the synthetic product is warmer than natural wool.



Continued weakness in the solvent price structure is indicated by the Solvent Price Trend Index for February 15th. The figure on this date is 89.95, while the index number for January 15th was 92.24. In spite of the weakness indicated, the market as a whole is firm, prices of only certain solvents having declined.

NEW PEARL ESSENCE FOR LACQUERS AND PLASTICS

A new pearl essence for use in the nitrocellulose lacquer and plastic industries for producing iridescent mother-of-pearl finishes has been introduced in England. It is reported that due to the brilliancy and whiteness of this new product, an unusually small amount is required to produce a lacquer film with a silvery sheen.

AMYL PROPIONATE FOR LACQUER SOLVENT

(Continued from preceding page)

While the amount of high-boiling solvent similar in characteristics to amyl propionate used in lacquers is relatively small, consumers have welcomed this new U. S. I. product, and sales have shown a most encouraging growth.

The specifications and properties of amyl propionate and butyl propionate are given in the chart appearing on the preceding page.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information on any of them may be obtained by writing to U. S. I.

U S I

A new synthetic wax which melts at 95-97°C. is described as a hard, white, lustrous material. It is claimed to be non-toxic and free from paraffin, chlorine, phenol and sulphur. Insoluble in water, it is said to dissolve in hot hydrocarbons and chlorinated solvents, the best solvent being a mixture of butyl alcohol, one part; butyl acetate, four parts; and toluol, six parts. Suggested applications include polishes, cosmetics, paper coatings, etc.

U S I

A multiple-unit paint circulator is intended for use where several colors are needed in finishing work. It has four separate mixing tanks and the paint in each is kept in a constant state of agitation—ready for immediate use. Each tank has a capacity of 18.7 gallons. A ½-h.p. motor supplies the power for driving the agitators.

U S I

A new type paint striping gun which can be used either horizontally, vertically, or for overhead work has recently been placed on the market. It is relatively small and inexpensive, yet it is said that the barrel will hold enough material for a continuous stripe from 300 ft. to 1,000 ft. The gun feeds automatically and is equipped with a return for surplus so that it will not drip.

U S I

A new refinishing material described as a blend of lacquer and synthetic materials is on the market. It is intended primarily for spot repair work and is recommended for touch up jobs on synthetic enamel finishes, as it does not fade nor flatten-out. No polishing is required. Edges of patched jobs and orange-peel can be "reflowed" with lacquer thinner immediately after application of a second coat.

U S I

Application of a permanent and brilliant jet black finish on iron and steel is claimed for a new chemical process. Materials to be colored are immersed for about five minutes in an aqueous bath, which is prepared by dissolving a proprietary salt in water and heating it to the required temperature of approximately 270°F. It is reported that the finish makes an excellent bond for subsequent coatings of lacquer, varnish or enamel.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous—Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190) Proof—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Amyl Propionate
Butyl Acetates
Normal and Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 99%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Dyes, coaltar, for stains (numbers are those of colour index scale).
Oil, soluble:—
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
801 Indulin .....lb. .37 - —
900 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
331 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.25 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .82 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen)
Yolk, dom., cs.....lb. .68 Nom.
Import, cs.....lb. .51 - .53
Elder flowers, bright, bls.....lb. .16 - .17
dark, bls.....lb. .15 - .16
Elecampane root, bls.....lb. .05 - .06
Elm bark, grinding, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .15 - .16
select, bndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. oz.15.00 -15.25
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls.....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs. l.c.l...lb. .06 - .08
Ergot, USP, bgs., cs.....lb. 2.00 - 2.25
Eserine, bots., vls.....oz.42.00 -42.25
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
USP, 95%, dms.....lb. .10 - .12
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylanilin, dms.....lb. .88 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .0545- .0994
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .23
tanks, works.....lb. .18 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .08½- —
l.c.l., frt. pd.....lb. .09 - —
tanks, frt. pd.....lb. .07½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns.....lb. .49 - .55
Eucalyptus leaves, bls.....lb. .05 - .05½
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .07 - .07½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -13.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French, bgs.....lb. .09 - .10
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .15
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works..ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .15
smaller lots, E. works. lb. .13½- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works..lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works..lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .11 - .12
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. No prices
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.41.00 Nom.
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. 2.25 + .50
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports....unit-ton. 3.00 + .10 Nom.
Japanese, 11½% ammon., bgs., c.i.f. ports, prompt shipt..ton.36.00 - —
spot or nearby...ton.35.50 - —
Flake, white, bbls., kgs.....lb. .09¾- .13¼
Fleaseed, French, black, bgs.lb. .07½- .08
Indian, blonde, bgs.....lb. .05½- .06
Fluorspar, enamel, 96-98%, bgs.. ton.30.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.16.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines..ton.17.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -33.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .10 - .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .23
liquid, bbls.....lb. .06½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .47
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. .06¾ Nom.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls.....lb. .08 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-65 octane, tanks..gal. .06¾- —
65 octane, tanks.....gal. .07 - —
above 65 octane, tanks.gal. .0755- —
California, 56-58, 375 e.p., tanks..gal. .06 - —
Gulf Coast, US motor, bulk, export..gal. .05½- —
60-62, 390 e.p., bulk, export. gal. .05¾- .05¾
60-62, 400 e.p., bulk, export. gal. .05½- .05¾
64-66, 375 e.p., bulk, export. gal. .05¾- .06
Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
58-60, 450 e.p., tanks..gal. .04½- .04¾
64-66, 375 e.p., tanks..gal. .03¾- .03¾
68-70, 350 e.p., tanks..gal. .04¾- .04¾
Oklahoma-Texas, US motor, 57 octane, tanks..gal. .04¾- —
60-64 octane, tanks....gal. .05½- .05½
65 octane, tanks.....gal. .05½- .05¾
above 65 octane, tanks.gal. .05¾- .06½
60-62, 400 e.p., tanks...gal. .04¾- —
64-66, 375 e.p., tanks...gal. .05¾- .05½
Gasoline, at refinery, Oklahoma-Texas, natural, 12-lb. v.p., tanks..gal. .05½- .05¾
14-lb. v.p., tanks.....gal. .04½- .05
18-lb. v.p., tanks.....gal. .04½- —
22-lb. v.p., tanks.....gal. .04 - —
26-70-lb. v.p., tanks...gal. .03 - —
Pennsylvania, US motor, tanks gal. .05¾- —
52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
60-62, 400 e.p., strt. run, tanks..gal. .06½- —
tankwagon and service station (Federal and State taxes included):—

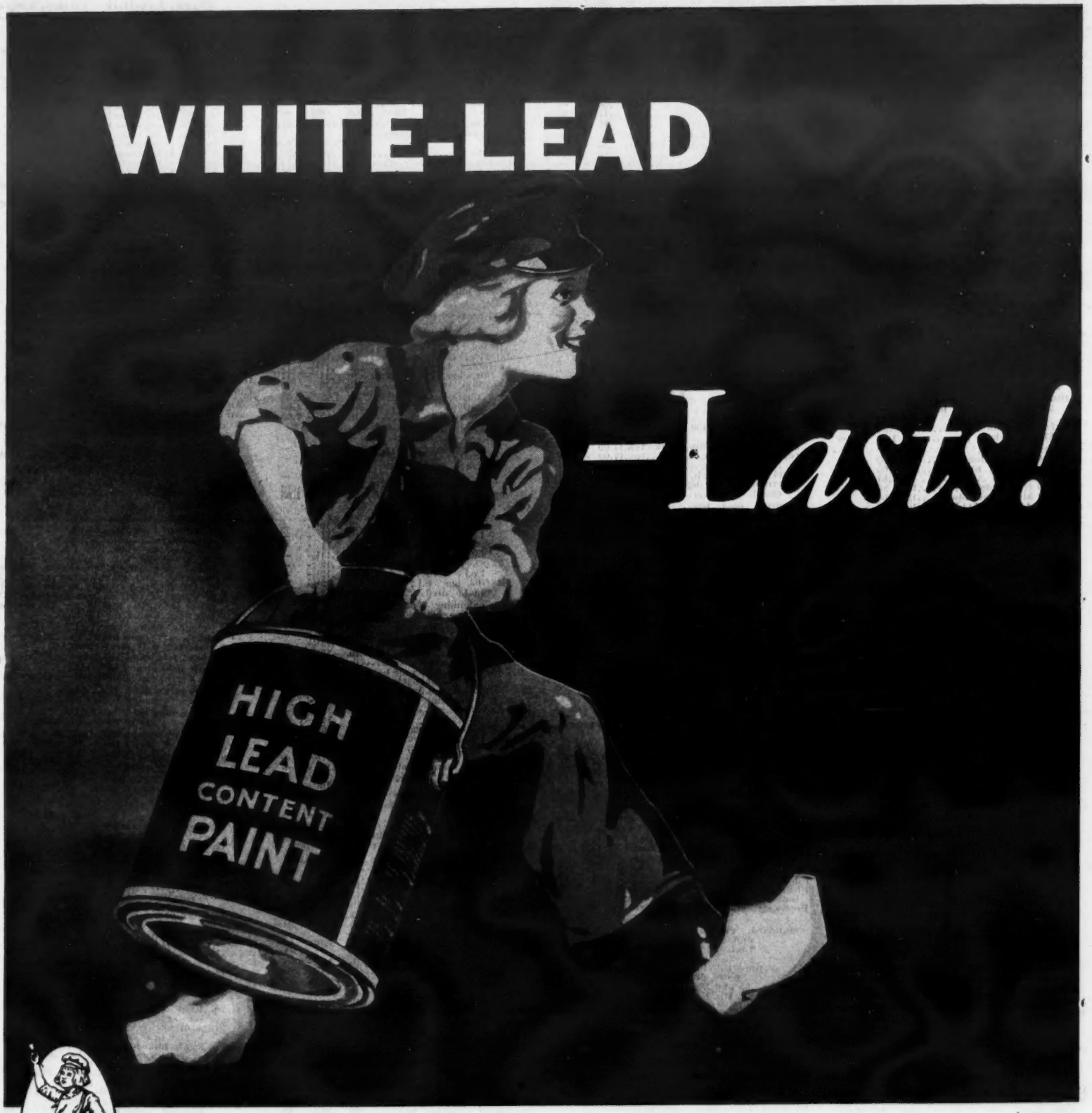
	T.W.	S.S.
Atlanta .....gal.	.20	.22
Boston .....gal.	.125	.145
Chicago .....gal.	.16	.165
Cincinnati .....gal.	.17	.19
Denver .....gal.	.18	.20
Louisville .....gal.	.185	.205
Minneapolis .....gal.	.164	.184
New Orleans.....gal.	.19	.225
New York.....gal.	.165	.192
San Francisco.....gal.	.125	.145

Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .13 - .14
Gentian root, bls.....lb. .10 - .11
grd., bbls., bxs.....lb. .12 - .13
powd., bbls., bxs.....lb. .13 - .14
Geraniol, cns.....lb. .90 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, African, bgs.....lb. .10¾- .11¼
Cochin, ABC, bgs.....lb. .16 - .16¼
lemon, bgs.....lb. .15½- .16
Jamaica, bold, bgs.....lb. .17½- .18
grinding, bright, bgs.....lb. .11½- .12
fair, bgs.....lb. .11 - .11½
medium, bold, bgs.....lb. .13 - .13½
Ginseng fibers, cs.....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots.....100 lbs. 1.00 - —
bbls., 5 tons or over..... 100 lbs. .95 - —
smaller lots.....100 lbs. 1.10 - —
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .10½- —
l.c.l., dlvd.....lb. .11 - —
28/58, bgs., c.l., dlvd.....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
33/82, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
48/108, bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13 - —
l.c.l., same basis.....lb. .13½- —
60/164, bgs., c.l., same basis.lb. .13½- —
l.c.l., same basis.....lb. .14 - —
67/192, bgs..c.l., same basis.lb. .14½- —
l.c.l., same basis.....lb. .15 - —
75/222, bgs., c.l., same basis.lb. .15¼- —
l.c.l., same basis.....lb. .16 - —
83/251, bgs., c.l., same basis.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
92/283, bgs., c.l., same basis.lb. .16½- —
l.c.l., same basis.....lb. .17 - —
102/315, bgs., c.l., same basis lb. .17¼- —
l.c.l., same basis.....lb. .18 - —
113/347, bgs., c.l., same basis lb. .18½- —
l.c.l., same basis.....lb. .19 - —
125/379, bgs, c.l., same basis lb. .19½- —
l.c.l., same basis.....lb. .20 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .16 - .17
dms. extra, c.l.....lb. .14 - —
l.c.l. .....lb. .14½- —
dynamite, dms. extra, c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
saponification, basis 88%, dms. returnable, dlvd..lb. .10¼- .11½
soaplye, basis 80%, dms. returnable, dlvd..lb. .09¼- .09½
yellow, distilled, dms. extra, c.l. lb. .13¾- —
l.c.l. .....lb. .14½- —
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .23 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs...lb. .13 - .13½
Golden seal root, bls.....lb. 2.25 - 2.30
powd., bxs.....lb. 2.40 - 2.45
Grains of paradise, bgs.....lb. .08½- .09
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .05 - —
bbls., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05½- —
powd., 90% 325 mesh, 25% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04½- .04¾
white, trcs.....lb. .05 - .07½
yellow, trcs.....lb. .04½- .04⅞
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
reduced, C.P. color content up to 5%, bbls., same basis. lb. .05¾- —
6-10%, bbls., same basis.lb. .06¼- —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —

Dyes, Coaltar—Gum, Copa

Green, chrome, reduced, C.P., color content 24-25%, bbls., same basis..lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P..lb. .17 - .18½
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .28 - —
standard grade, bbls., works..lb. .22 - —
import., bbls., kgs., f.o.b. N.Y. lb. .21 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .45 - .50
strained, cs.....lb. .85 - .90
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.92
Carbonate, bxs., kgs.....lb. 2.15 - 2.49
Guarana, powd., cs.....lb. .69 - .70
Gum, aloe (see A)
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, lump amber sorts, cleaned, bgs..lb. .10¼- .10¾
white, sorts, 1, bgs.....lb. .25 - .27
2, bgs.....lb. .24 - .26
powd., bbls.....lb. .13¼- .13¾
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.15 - 1.65
Sumatra, cs.....lb. .18 - .19
Camphor (see C)
Chicle, bgs.....lb. No prices
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San. F..lb. .40 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy white, bgs., c.l., same basis..lb. .27¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .19¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .19½- —
5, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .13¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¼- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .11½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale fingers, bgs., c.l., same basis..lb. .16¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .12 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, bgs., c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .05¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06¼- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¾- —
27, pale small chips, bgs., c.l., same basis..lb. .05¼- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —
East India, Batu, bold, scraped, bgs., c.l., same basis.lb. .05½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis.lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
Black, bold, scraped, bgs., c.l., same basis..lb. .07¾- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04¾- —
Hiroe Macassar, pale, bold, bgs, c.l., same basis..lb. .13¾- —
chips, bgs., c.l., same basis..lb. .06¼- —
dust, bgs., c.l., same basis lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .16¾- —
chips, bgs., c.l., same basis lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03¾- —
nubs, bgs., c.l., same basis.lb. .10¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis lb. .12½- —
B, bskts., c.l., same basis.lb. .11½- —
C, bskts., c.l., same basis.lb. .10¾- —
CNE, bskts., c.l., same basis..lb. .07 - —
D, bskts., c.l., same basis.lb. .09½- —
DK, bskts., c.l., same basis lb. .07 - —
DU, bskts., c.l., same basis lb. .09¾- —
dust, bskts., c.l., same basis. lb. .05¼- —

WHITE-LEAD —Lasts!



The surest way to maintain the demand for your paints is to make them enduring.

The more white-lead you use the better the paint...not only in lasting qualities but ease of spread and in coverage.

Throughout the paint industry National Lead Company white-lead pigments are favorably known for their high quality and uniformity.

In addition to the white-lead pigments listed below, National Lead Company is also a dependable source of supply for lead oxides —red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 820 West Superior Avenue, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Company, 800 Albany Street, Boston; National Lead & Oil Co. of Pa., 316 4th Avenue, Pittsburgh; John T. Lewis & Bros. Company, Widener Building, Philadelphia.

DRY WHITE-LEAD
(Dutch or Carter process)

H. T. S.
(High Tinting Strength)
WHITE-LEAD

BASIC LEAD SULPHATE

Gum, copal, Manila, Sambas and white split chips, bskts., c.l., same basis..lb. .12¾- —
Singapore, dust, bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis lb. .08¾- —
MA, bskts., c.l., same basis. lb. .07¼- —
MB, bskts., c.l., same basis.. lb. .06¾- —
WS, bskts., c.l., same basis.. lb. .09¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07¼- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .15½- —
mixed, bgs., c.l., same basis lb. .12¼- —
chips, bgs., c.l., same basis..lb. .07¾- —
nubs, bgs., c.l., same basis..lb. .10¼- —
split, bgs., c.l., same basis.lb. .12¾- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¼- —
A/E, cs., c.l., same basis.lb. .13¾- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .17¼- —
D, cs., c.l., same basis...lb. .14¼- —
dust, cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .06¾- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore 1, cs., c.l., same basis lb. .17 - —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .05¼- —
chips, cs., c.l., same basis.lb. .09¾- —
dust, cs., c.l., same basis.lb. .05¼- —
seeds, cs., c.l., same basis..lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs. or over, divd..lb. .07¾- —
10,000-74,999 lbs., divd..lb. .07¾- —
3,000-9,999 lbs., divd....lb. .08¼- —
less than 3,000 lbs., divd..lb. .08¾- —
Euphorbium, cs.....lb. .18 - .20
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .38 - .50
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin)
Karaya, XXX, bbls., bxs., dms..lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09¼- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .53 - —
B1, cs., c.l., same basis..lb. .19 - —
B2, cs., c.l., same basis..lb. .14½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .06¼- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis....lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .60 - —
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .13 - .28
Opium (see O)
Rosin (see R)
Sandarac, cskn., c.l., same basis as copal..lb. .26¼- —
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .12½
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs. 11.00 - —
strained, bbls.....280 lbs. 11.00 - —
Tragacanth, Aleppo, 1, cs...lb. 1.20 - 1.25
2, cs.....lb. 1.10 - 1.15
3, cs.....lb. .95 - 1.00
4, cs.....lb. .85 - .90
5, cs.....lb. .75 - .80
6, bgs.....lb. .18 - .19
sorts, bgs.....lb. .25 - —
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 21.15 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 12.50 - —
Blue Rapids, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton. 12.00 - —
import., bgs., ex dock....ton. 27.50 - —

H

Hellotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls. lb. .10¼- .11
Helonias root, bls.....lb. .36 - .38
Hematine crystals, bbls.....lb. .16 - .34
Hemlock extract, 25% tan., bbls. lb. .02½- —
tanks.....lb. .02½- —
Hempseed, Manchur., bgs.....lb. .02¾- .03¼
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07½- .08
powd., bbls, bxs.....lb. .09½- .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .15 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms, c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10 - —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .33 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz. 13.00 - 13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - 2.60
Hops, dom., 1934 crop, bls.....lb. .00 - .11
1935 crop, bls.....lb. .13 - .16
import., 1934 crop, bls.....lb. .45 - .65
1935 crop, bls.....lb. .60 - .90
Horehound, bls.....lb. .07 - .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz. 11.00 - 11.50
Hydrochloride, vls.....oz. 11.00 - 11.50
Sulphate, vls.....oz. 13.00 - 13.50
Hydrastis root (see Golden seal).
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. R. lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz. 13.00 - 13.25
Hyoscyamine, vls.....oz. 15.00 - —
Hydrobromide, vls.....oz. 15.00 - —
Sulphate, vls.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb. 36.00 - 38.00
Insect flowers (see Pyrethrum).
Iodine, resubl., kgs.....lb. 1.65 - 1.70
tincture, bbls.....gal. 2.10 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.50 - 3.00
Ipecac root, bgs.....lb. .90 - 1.05
powd., bxs.....lb. 1.05 - 1.15
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .23 - .25
prime, bleached, bls.....lb. .19 - .20
Iron acetate, CP, 17% solut., bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.95 - 3.00
syrup, djns.....lb. .42 - .48
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns. lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .24½- .25½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .24½- .25½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropyl acetate, dms., cl., frt. alld..lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .15 - .17
powd., bbls., bxs.....lb. .19 - .21
Juniper berries, bgs.....lb. .05 - .06

K

Kamala, tins.....lb. .26 - .27
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .05¼- .05½
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk, export.....gal. .04¼- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .03¾
43-44 w.w., tanks.....gal. .03¾- .03¾
Pennsylvania, 45 w.w., tanks, gal. .05¼- —
46 w.w., tanks.....gal. .05¾- —
tankwagon:—
Atlanta.....gal. .12 - —
Boston.....gal. .07 - —
Chicago.....gal. .093 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .102 - —
New Orleans.....gal. .135 - —
New York.....gal. .07½- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .32 - .35
Lanolin (see Adeps lanae).
Lard city, tubs.....100 lbs. 11.25 - 11.50
Middlewestern, trcs....100 lbs. 10.75 - 10.85
Western, choice, trcs...100 lbs. 10.90 - 11.00
compound, trcs.....100 lbs. 11.75 - 12.00
neutral, trcs.....100 lbs. 12.00 - 12.25
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls. lb. .50 - .52
select, bls.....lb. .95 - 1.15
Lead acetate, brown, broken, bbls. lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., cl., divd. E.....lb. .06 - —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., divd. E.....lb. .06¼@ —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.40 - 2.45
Linoleate, pale, precip., dms. lb. .19 - —
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), divd. Ala., Ariz., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .07¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07½- —
smaller lots, divd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
97% Pb_3O_4, bbls., c.l. (20 tons) divd. Ala., etc. lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, divd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08½- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, divd. Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
98% Pb_3O_4, bbls., c.l. (20 ton), divd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, divd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, divd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¾- —
in oil, steel kgs., 1,000 lbs..lb. .10 - —
500 lbs.....lb. .10½- —
smaller lots.....lb. .11½- —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .10 - —
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .10½- —
White, dry, basic carbonate, bbls., c.l., divd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06½- —
l.c.l. divd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., divd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. divd. Ariz., etc.lb. .06½- —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., 1,000 lbs., divd..lb. .09½- —
500 lbs., divd.....lb. .10 - —
smaller lots, divd.....lb. .11 - —
Lemon peel, bls.....lb. .10 - .11
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa....ton. 7.00 - —
California, northern..ton. 12.25 - —
southern.....ton. 11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago.....ton. 7.25 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Crab Orchard, Tenn..ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va..ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 6.50 - —
hydrated, paper bgs., f.o.b. Bellefonte, Pa..ton. 8.50 - —
California, northern..ton. 14.75 - —
southern.....ton. 13.75 - —
Cedar Hallow, Pa....ton. 8.50 - —
Chicago.....ton. 9.50 - —
Crab Orchard, Tenn..ton. 9.00 - —
Dallas, Tex.....ton. 12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La.....ton. 9.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Marble Cliff, Ohio..ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Rapid City, S. D....ton. 12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Springfield, Mo.....ton. 8.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 11.00 - —
Marble Cliff, Ohio...ton. 11.00 - —
Marblehead, Ohio....ton. 11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs., consumer, divd. Ore..lb. .06¾- .06½
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06¾
dealers, divd. E. of Rockies, except Fla..lb. .07¾- .09½
Ore.....lb. .05¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .05¾- —
dms., dealers, divd. E. of Rockies, except Fla..lb. .11 - .12
Fla.....100 lbs. 1.90 - 2.00
jobbers, divd. E. of Rockies, except Fla..lb. .10¼- —
solution, dms., dealers, divd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N. E. States, N. J., N. Y., N. C. (Allegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Term. R.), Va., W. Va., Wis. gal. .13 - .16
jobbers, same basis...gal. .12¼- .15
tanks, 4,000 gals. min., dealers, divd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .10¼- —
Linalool, cns.....lb. 1.90 - 2.15
Linalyl acetate, bots.....lb. 1.85 - 5.00
Linden flowers, with leaves, bls. lb. .17 - .18
without leaves, bls.....lb. .19 - .20
Linseed cake, bgs., export....ton. 22.50 - —
Meal, 32%, dom., bgs.....ton. 29.00 - —
Litharge, com'l, powd., bbls., 20-tons divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0635- —
other points.....lb. .0610- —
5 tons, divd. Ala., Ariz., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¼- —
smaller lots, divd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.85 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.45 - 4.50
Lithopone, dom., high-strength, bgs., 5 tons, divd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis, lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis..lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis..lb. .04¾- —
bbls., 5 tons, same basis..lb. .04¾- —
smaller lots, same basis..lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis..lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis..lb. .06½- —
import., bbls., ex dock....lb. No prices
Liverwort leaves, bls.....lb. .17 - .19
Lobelia herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .32 - .35

Logwood Ex.—Methyl Acetone

Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .06½- .10¼
solid, bxs.....lb. .13½- .17¼
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .26 - .35
Lupulin, N.F., dom., old crop, tins..lb. 1.50 - —
new crop, tins.....lb. 3.00 - —
import., tins.....lb. No stocks
Lycopodium, cs.....lb. 1.15 - 1.25

M

Mace, Banda, cs.....lb. .64 - .65
Batavia, cs.....lb. .46 - .47
Siauw, 1, cs.....lb. .60 - .62
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
Magnesia, calcined, USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .08½- .09
Chloride, flake, dom., bbls., works..ton.36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite,calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton.22.00 - —
Malva flowers, black, bls.....lb. .37 - .38
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .08
Manganese dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cns., 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .30 - —
Iodide, bots., jars.....lb. 5.20 - 5.25
Linoleate, liquid, dms.....lb. .18 - .19½
solid, precip., dms.....lb. .18 - —
Resinate, fused, bbls.....lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls.,works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd. South.....ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt.ton.26.00 -26.50
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .55 - .60
small, cs.....lb. .28 - .30
Mannitol, pure, cryst., cs., works lb. 1.70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .24 - .24½
Tunisan, bls.....lb. .22 - .24
Matico leaves, bls.....lb. .30 - .31
Menthol, cs.....lb. 3.75 - 3.85
synthetic, cs.....lb. 2.25 - 2.50
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.60 - 3.65
Yellow, kgs., jars.....lb. 2.70 - 2.75
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., kgs.....lb. 1.69 - —
Mercury and chalk, kgs.....lb .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3⅜x3⅜ in.pkg.14.50 -15.00
3⅜x3⅜ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5⅞ in.....pkg.21.50 -22.00
3⅜x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .48 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld. or dlvd..gal. .43 - —
4, frt. alld. or dlvd..gal. .58 - —
5, frt. alld. or dlvd..gal. .49½- —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .34½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .36½- —
5, frt. alld.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½- —
2, frt. alld.....gal. .40½- —
3, frt. alld.....gal. .41½- —
4, frt. alld.....gal. .43½- —
5, frt. alld.....gal. .43½- —
l.c.l, Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld.....gal. .37½- —
pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
5, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. all..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol prices, bbls., 2½c. gal. more than drums

synthetic, guaranteed 99.5%. dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. all..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.

Methyl acetate domestic, 99 p.c., East of Rockies, f.o.b. works, freight allowed, car lots, drums.....lb. .16 @ —
less car lots, drums.....lb. .17 @ —
West of Rockies, f.o.b. works, freight allowed, car lots, drums.....lb. .16½@ —
less car lots, drums.....lb. .17½@ —
Methyl acetate, domestic, 82 p.c., East of Rockies, f.o.b. works, freight allowed, car lots, drums..lb. .12 @ —
less car lots, drums..lb. .14 @ —
West of Rockies, f.o.b. works, freight allowed, car lots, drums.....lb. .12½@ —
less car lots, drums..lb. .14½@ —
Methyl acetoacetate, dms., l.c.l., freight allowed.....lb. .37 @ —
Methyl acetone, Zone 1, freight allowed, tanks.....gal. .44 @ —
car lots, drums.....gal. .46½@ —
less than car lots, drums, freight allowed except on deliveries out of stock points..gal. .51 @ —
Zone 2, freight allowed, tanks..gal. .45½@ —
car lots, drums.....gal. .50½@ —
less than car lots, drums, freight allowed except on deliveries out of stock points..gal. .56½@ —
Zone 3, freight allowed, tanks..gal. .47½@ —
car lots, drums.....gal. .51½@ —
less than car lots, drums, freight allowed except on deliveries out of stock points..gal. .54 @ —
Methyl acetone, zone 4, freight allowed, tanks..gal. .47½@ —
car lots, drums.....gal. .54 @ —
less than car lots, drums, freight allowed except on deliveries out of stock points..gal. .56½@ —

COMMERCIAL SOLVENTS CORPORATION U.S.A.

METHANOL CSC ★

★ PROPERTIES:

Purity: 99.8% to 100% methyl alcohol.
Specific Gravity: 0.792 to 0.793 at 20°C./20°C.
Acidity: Not more than 0.01%, calculated as formic acid.
Color: Water-white.
Distillation Range:
Below 64°C.....none.
Above 66°C.....none.
Acetone: Less than 0.03%, by weight.
Non-Volatile Matter: Not more than 0.0025%.
Odor: Free from odor foreign to pure methanol.
Flash Point: 14°C. (57.2°F.)
Weight per U. S. Gallon: 6.64 pounds at 60°F.
Melting Point: —97.8°C.
Critical Pressure: 78.7 atmospheres.
Critical Temperature: 240°C.
Heat of Combustion: 5,334 calories per gram.
Refractive Index: 1.329 at 20°C.
Specific Heat: 0.645 from 23°C. to 43°C.
Latent Heat of Vaporization: 262.8 calories per gram at 64.5°C.
Average Coefficient of Cubical Expansion: 0.0012 from 0°C. to 61°C.
Dielectric Constant: 31.2 at 20°C.
Vapor Pressure:
0°C... 29.6 mm. of mercury.
20°C... 96.0 mm. of mercury.
40°C...260.5 mm. of mercury.
60°C...625.0 mm. of mercury.

AN EXCEPTIONALLY PURE SYNTHETIC SOLVENT

Methanol CSC is a water-white, rapidly evaporating, anhydrous solvent possessing a very mild odor. It is completely miscible with water and with most organic liquids. Methanol CSC is a solvent for dyes, essential oils, gums, oleoresins, shellac, nitrocellulose, and vegetable wax. It is used extensively in the manufacture of:

Anti-Freeze Solutions, Cleaning Compounds, Dewaxed Gums, Dyestuffs, Embalming Fluids, Formaldehyde, Paint and Varnish Removers, Pharmaceuticals, Refrigerants, Shellac Solutions, Spirit Varnishes, Synthetic Flavors, Synthetic Perfumes, Synthetic Resins, Textile Soaps, and Wood Stains.

Methanol CSC is an authorized denaturant for ethyl alcohol (Specially Denatured Alcohol, Formulas 3-A and 30)

COMMERCIAL SOLVENTS CORPORATION

230 PARK AVENUE, NEW YORK, N.Y.

Branch Offices and Warehouses in All Principal Cities

OTHER C-S-C PRODUCTS

ACETONE
AMYL ACETATE
AMYL ALCOHOL
BUTALYDE
BUTANOL
BUTYL ACETATE
BUTYL ACETYL RICINOLEATE
BUTYL LACTATE
BUTYL OLEATE
BUTYL STEARATE
DIACETONE
DIAMYL PHTHALATE
DIBUTYL ETHER
DIBUTYL PHTHALATE
DIBUTYL TARTRATE
DIETHYL OXALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
ETHYL ACETATE
ETHYL FORMATE
FUSEL OIL, REFINED
METHANOL
METHYLAMINES
METHYL FORMATE
METHYL LACTATE
and
Rossville Alcohols
for every industrial need

Methanol, Zone 5, freight allowed, tanks	gal.	.47½@	—
car lots, drums	gal.	.68½@	
less than car lots, drums, freight allowed except on deliveries out of stock points	gal.	.61½@	—
Wooden barrel packing, 2½c. per gallon, more, in all brackets.			

Contract prices, 5c. per gallon less, all zones.
Methyl acetone, natural, sales zones are as follows:—

Zone 1 (Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.).
Zone 2 (Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.).
Zone 3 (Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.).
Zone 4 (Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.).
Zone 5 (N. Mex., Texas, Wyo.).

Methyl acetone, synthetic, car lots, east of the Rocky Mountains, freight allowed, car lots, drums	gal.	.57½@	—
less car lots, drums	gal.	.60 @	—
tanks	gal.	.53 @	—
West of the Rocky Mountains, freight allowed, car lots, drums	gal.	.66 @	—
less car lots, drums	gal.	.69 @	—
tanks	gal.	.63½@	—
Alcohol (see Methanol).			
Methyl anthranilate, bottles	lb.	2.15 @	2.60
Benzoate, bottles	lb.	.70 @	1.00
Chloride, cylinders	lb.	.45 @	—
Cinnamate, bottles	lb.	2.00 @	2.25
Formate, drums	lb.	.35 @	.36
Iodide, bottles, jars	lb.	5.80 @	5.85
Salicylate, drums	lb.	.40 @	.46
tins	lb.	.42 @	.45
Violet toner, 500-lb. barrels	lb.	.40 @	—
smaller lots	lb.	.42 @	—
permanent, bbls.	lb.	.80 @	—
Methylanthraquinone, bbls.	lb.	.80 @	.82
Methylene blue, med., kegs	lb.	2.00 @	2.25
Methylheptenone, bottles	lb.	3.00 @	4.00
Methylheptin carb., bottles	lb.	24.50 @	25.00
Methylhexyl ketone, technical, works, drums	lb.	.60 @	—
Methylpropyl carbinol (see Carbinol).			
Metronite pigment, 120 mesh, f.o.b. Milwaukee, car lots, containers chargeable extra	ton.	8.00 @	—
less car lots, containers, extra	ton.	10.00 @	—
180 mesh, f.o.b. Milwaukee, car lots, containers extra	ton.	10.00 @	—
less car lots, containers extra	ton.	12.00 @	—
250 mesh, f.o.b. Milwaukee, car lots, containers extra	ton.	12.00 @	—
less car lots, containers extra	ton.	14.00 @	—
325 mesh, f.o.b. Milwaukee, car lots, containers extra	ton.	17.00 @	—
less car lots, containers extra	ton.	19.00 @	—
Mica, dry-ground, plastic, No 100 (48 mesh), f.o.b. works, car lots, bags	ton.	35.00 @	—
less car lots, bags	ton.	42.75 @	—
second-grade, f.o.b. works, car lots, bags	ton.	33.00 @	—
less car lots, bags	ton.	41.25 @	—
150 (100 mesh), f.o.b. works, car lots, bags	ton.	32.00 @	40.00
less car lots, bags	ton.	40.00 @	50.00
second-grade, f.o.b. works, car lots, bags	ton.	23.00 @	28.00
less car lots, bags	ton.	29.00 @	47.50
200 (140 mesh), f.o.b. works, car lots, bags	ton.	50.00 @	—
less car lots, bags	ton.	62.50 @	—
roofing grades, f.o.b. works, car lots, bags	ton.	23.50 @	30.00
less car lots, bags	ton.	30.00 @	47.50
Snow, 16, 24 and 30 mesh, f.o.b. works, car lots, bags	ton.	33.00 @	—
less car lots, bags	ton.	47.50 @	—
40, 60 and 80 mesh, f.o.b. works, car lots, bags	ton.	32.00 @	—
less car lots, bags	ton.	40.00 @	—
wet-ground, standard, 160 mesh, car lots, f.o.b. works, freight allowed east of Miss. river, bags	100 lbs.	3.50 @	—
west of Miss. river, bags	100 lbs.	4.00 @	—
less car lots, f.o.b. works, bags	100 lbs.	3.50 @	—
pure white, 160 mesh, car lots, delivered east of Miss. river, bags	100 lbs.	4.50 @	—
west of Miss. river, bags	100 lbs.	5.00 @	—
less car lots, f.o.b. works, bags	100 lbs.	4.50 @	—
Michler's ketone, kegs	lb.	2.80 @	—
Milk powder, skimmed, roller, car lots, barrels	lb.	.08 @	—
less car lots, barrels	lb.	.09 @	—
spray, car lots, barrels	lb.	.09 @	—
less car lots, barrels	lb.	.10 @	—
unskimmed, roller, car lots, barrels	lb.	.17 @	—
less car lots, barrels	lb.	.18 @	—
spray, car lots, barrels	lb.	.17 @	—
less car lots, barrels	lb.	.18 @	—
Millet seed, bags	lb.	.02¾@	.03½
hulled, bags	lb.	.05 @	.05½
Mineral spirits (see Petroleum thinner and V.M.P. naphtha).			
Molasses, blackstrap, tanks	gal.	.08 @	.08½
Molybdenum metal, powder, 98 p.c., kegs	lb.	1.80 @	2.15
Monoamylamine, works, less car lots, drums	lb.	1.00 @	—
Monoethanolamine, drums	lb.	.31 @	.35
Monochlorbenzene, drums	lb.	.06 @	.06½
Monoethylaniline, drums	lb.	.77 @	.79
Monomethyl para-aminosulphate, drums	lb.	3.75 @	4.00
Morphine, acetate, bottles	oz.	5.80 @	5.90
Alkaloid, cans	oz.	10.90 @	10.98
Methylhydrochloride, vials	oz.	10.80 @	10.98
Hydrobromide, cans	oz.	8.70 @	8.78
Sulphate, cans	oz.	8.75 @	8.80
Mullein flowers, cans	lb.	.95 @	1.00
leaves, bales	lb.	.07 @	.08
Musk, natural, Cabardine, grained, bottles	oz.	No stocks.	
pods, bottles	oz.	No stocks.	
Tonquin, grained, bottles	oz.	21.00 @	23.00
pods, bottles	oz.	14.50 @	—
synthetic, ambrette, cans	lb.	4.20 @	—
ketone, cans	lb.	4.35 @	—
xylol, 100 p. c., cans	lb.	1.25 @	—
Musk root, bales	lb.	.10 @	.11
Mustard seed, Bombay, brown, bags	lb.	.08 @	.08½
California brown, bags	lb.	.06¾@	.07¼
yellow, bags	lb.	.07½@	.08
Chinese, yellow, bags	lb.	.05¼@	.05¾
Dutch, yellow, bags	lb.	.08¼@	.08¾
English, yellow, bags	lb.	.09 @	.09½
Hungarian, yellow, bags	lb.	.08 @	.08½
Montana, brown, bags	lb.	.07½@	.07¾
yellow, bags	lb.	.06 @	.06½
Roumania, yellow, bags	lb.	.06¼@	.06½
Sicilian, brown, bags	lb.	.11¼	Nom.
Myrobalans, J1, ship't, bags	ton.	22.00 @	23.00
J2, shipment, bags	ton.	14.50 @	—
R2, shipment, bags	ton.	14.00 @	—
Extract, liquid, 25 p.c., bbls.	lb.	.04½@	

N

Naphtha, hydrogenated (see Petroleum solvents and diluents) painters' (see Petroleum thinner and V.M.P. naphtha.) solvent (see S).			
Naphthalene, crude, domestic, bags	100 lbs.	No prices	
imported, c.i.f., bags	100 lbs.	3.50	Nom.
refined, shipped or crushed, wholesalers and jobbers, f.o.b. Eastern producing points, barrels or bags,	lb.	.06 @	—
ball and flakes, wholesalers and jobbers, 16 oz. packages (48 to the case), f.o.b. Eastern producing points	lb.	.07½@	—
Naphthalene, refined, 12 oz. packages (72 to the case), f.o.b. Eastern producing points, per package.	.06 @	—	
barrels	lb.	.06¾@	—
50-lb. cases	lb.	.07 @	—
rice (crystals) or powdered, f.o.b. Eastern producing points, barrels	lb.	.07 @	—

Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill. Store door delivery in Metropolitan New York, Philadelphia and Chicago will be made to wholesalers in mim. of 2,000 lb. quantities. Smaller shipments will be assessed a delivery charge of 30c. per 100 lbs.

Nereolin, crystals, cans	lb.	1.25 @	1.35
Nickel carbonate, bbls.	lb.	.30 @	—
Chloride, barrels	lb.	.18 @	.19¼
kegs	lb.	.21 @	.23
Oxide, black, barrels	lb.	.25 @	.28
Salt, double, barrels	lb.	.13 @	.13½
single, barrels	lb.	.13 @	.13½
Nicotine, 40 p.c., tins	8 lbs.	8.25 @	10.10
Sulphate, 50-lb. drums	lb.	.75 @	.85
10-lb. tins	lb.	.76½@	1.00½
5-lb. tins	lb.	.94 @	1.17
Nitercake works, bulk	ton.	16.00 @	—
Nitrobenzene, double distilled, tanks	lb.	.06½@	—
car lots, drums	lb.	.09 @	—
less car lots, drums	lb.	.11 @	—
Nitrocellulose, alcohol soluble, ¼, 15-20 and 30-40 sec. viscosities, car lots, works, barrels	lb.	.29½@	—
1 to 19 barrels	lb.	.31 @	—
Nitrocellulose, bronsing, 20, 40 and 70 sec. viscosities, car lots, works, barrels	lb.	.31½@	—
less car lots, 20 to 40 barrels	lb.	.33 @	—
less car lots, 20 to 40 barrels	lb.	.32 @	—
1 to 19 barrels	lb.	.33 @	—
Nitrocellulose, ester soluble, ¼, ½, ¾, 15-20 sec., and higher viscosities, car lots, works, barrels	lb.	.27½@	—
less car lots, 20 to 40 barrels	lb.	.28 @	—
1 to 19 barrels	lb.	.29 @	—
Nitrocellulose, lacquer, 20, 40 and 70 sec. viscosities, car lots, works, barrels	lb.	.23½@	—
less car lots, 20 to 40 barrels	lb.	.23 @	—
1 to 19 barrels	lb.	.24 @	—

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap, barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for these manufacturers consuming 50,000 pounds and above of nitrocellulose per year.

Nitrogenous fertilizer material, 8-10 p.c. ammonia, domestic, f.o.b. Carrollville, Wis.	Mar. delivery, bulk	unit.	1.00 @ —
f.o.b. Chemical Coast	Mar. delivery	unit.	2.00 Nom.
f.o.b. East Coast producing points, bulk		unit.	2.25 @ —
imported, c.i.f. Atlantic ports, prompt shipment, bags		unit.	2.25 @ —
Nitrogen solution, 45.5 p.c., ammonia, tankcars, f.o.b. Atlantic and Gulf ports		unit.	1.00 @ —
Nitronaphthalene, barrels		lb.	.20 @ .22
Nitrotoluene, mixed, drums		lb.	.10½@ .11
Nutgalls, Aleppo, bags, cases		lb.	.20 @ .22
Chinese, shipment, cases		lb.	.20 @ .22
Extract (see Gall extract).			
Nutmegs, 80s, bags, cases		lb.	.21 @ .22
110s, bags, cases		lb.	.18 @ .19
West India, bags		lb.	.13½@ .14
Nux vomica, bales		lb.	.06 @ .07
powdered, barrels, boxes		lb.	.07½@ .08

O

Oakbark extract, 25 p.c. tannin, barrels	lb.	.23½@	—
tanks	lb.	.22½@	—
Oaher (see Yellow).			
Octanol, 100-140 deg. C., mixed, group 3, tankcars	gal.	.90 @	—
car lots, drums	gal.	.10 @	—
less car lots, drums	gal.	.15 @	—
Octyl acetate, f.o.b. seller's works, tanks	lb.	.15 @	—
car lot, drums	lb.	.16 @	—
less car lots, drums	lb.	.17 @	—
less drum lots	lb.	.20 @	—
Oils:—			
Almond bitter, artificial (See Benzaldehyde).			
natural, bottles	lb.	2.00 @	2.50
a.p.a., bottles	lb.	2.25 @	2.75
sweet, true (expressed), cans, cases	lb.	.52 @	.57
Amber, crude, cans	lb.	.20 @	.21
refined, cans	lb.	.50 @	.51
Amyris, tins	lb.	2.70 @	2.90
Angelica, root, bottles	lb.	64.00	@80.00
seed, bottles	lb.	72.00	@160.00
Anisic (see A)			
Anise, lead free, U.S.P., drums, cans	lb.	.60 @	.70
Oil, apricot, kernel, domestic, works, freight allowed to New York	drums	.23½@	24
spot, dealers, drums, cans	lb.	.26 @	.27
Russian, drums	lb.	.20 @	.21
Babassu, tanks	lb.	.07	Nom.
Bay, West Indian, tins	lb.	1.05 @	1.25
Bergamot, artificial, cans	lb.	1.00 @	1.30
natural, Messina, coppers	lb.	1.80 @	2.00
Betula (see Oil, sweet birch).			
Birch (see Oil sweet birch)			
Birch tar, crude, drums, tins, rectified, tins	lb.	.14 @	.16
	lb.	.70 @	.75
Bois de rose, Brazilian, tins	lb.	1.25 @	1.35
Cayenne, tins	lb.	2.25 @	2.35
Cade, U.S.P., tins	lb.	.26 @	.28
Cajeput, technical, drums	lb.	.48 @	.50
U.S.P., IX, tins	lb.	.52 @	.60
Calamus, tins	lb.	3.00 @	3.25
Camphor, sassafrassy, drums,	lb.	.16 @	—
cans	lb.	.17½@	—
white, drums	lb.	.17 @	—
cans	lb.	.18½@	—
Cananga, native, tins	lb.	2.65 @	2.75
rectified, tins	lb.	2.95 @	3.10
Capsicum (oleoresin) U.S.P. VIII, cans	lb.	2.00 @	2.25
Caraway U.S.P. tins	lb.	2.00 @	2.60
Cardamom seed, bottles	lb.	10.50 @	28.00
Cassia, redistilled, U.S.P., drums, cans	lb.	1.05 @	1.10
Castor, blown, car lots, one-way drums	lb.	.12½@	—
less carlots, one way drums,	lb.	.13 @	—
medicinal, car lots, bbls.	lb.	.10½@	—
drums returnable	lb.	.10½@	—
less car lots, barrels	lb.	.11½@	—
5 gallon drums	lb.	.12½@	—
1 gallon cans, 10 cans to the case	lb.	.14½@	—
drums, returnable	lb.	.11½@	—
tanks	lb.	.10 @	—
No. 3, car lots, barrels	lb.	.10½@	—
drums, returnable	lb.	.10 @	—
less car lots, barrels	lb.	.11 @	—
drums, returnable	lb.	.10½@	—
tanks	lb.	.09½@	—

Delivered all points between New York City and Philadelphia, Albany and the New England States, Chicago car lot prices ¼c. higher than New York; less car lot prices, ¾c. higher than New York; one way drum, ¼c. per pound higher, all points.

Oil, castor, sulphonated, 50 p.c. (48 p.c. fat), car lots, drums	lb.	.06 @	—
less car lots, drums	lb.	.06½@	—
75 p.c. (68 p.c. fat), car lots, drums	lb.	.11½@	—
less car lots, drums	lb.	.12 @	—
50 p.c. (68 p.c. fat), car lots drums	lb.	.12½@	—
less car lots, drums	lb.	.13 @	—
Cedarleaf, drums	lb.	.85 @	1.10
tins	lb.	.90 @	1.15
Cedarwood, Southern, drums, tins	lb.	.18 @	.22
Oregon, drums, cans	lb.	.28 @	.30
Celery seed, bottles	lb.	10.50 @	14.50
Chaulmoogra, U.S.P., 500-lb. lots, cans	lb.	.95 @	—
25-lb lots, cans	lb.	1.05 @	—
Chinawood, drums	lb.	.16½@	.16¾
tanks	lb.	.1620@	.1650
Cinnamon Seychelle, bottles	lb.	9.50	@10.00
Ceylon, bottles	lb.	9.00	@22.00
Citronella, Ceylon, cans	lb.	.25 @	.26
drums	lb.	.22 @	.23
Java, drums	lb.	.30 @	.31
Clove, U.S.P., drums	lb.	.90 @	—
cans, bottles	lb.	.95 @	1.00
Coconut, Manila, crude, tanks,	lb.	.04¾@	—
Coast, tanks	lb.	.04¾@	—
edible, 75 deg., tax included, tanks	lb.	.10 @	—
returnable drums, car lots,	lb.	.10½@	—
less car lots	lb.	.11 @	—
Cod, Newfoundland, tanked barrels	gal.	.40	Nom.
Norwegian, barrels	gal.	.38	Nom.
Codliver, medicinal, Norwegian	bbl.	23.50	@25.00
for poultry use, U.S.P., barrels	gal.	.75 @	.90
Coriander seed, bottles	lb.	5.25 @	5.50
Corn, crude, works, tanks	lb.	.08¾@	.08¾
refined, barrels	lb.	.11½@	.11¾
Cottonseed, edible, cooking, barrels	100 lbs.	11.20 @	—
salad, barrels	100 lbs.	11.35 @	—
imported, shipment, British, refined, tanks	lb.	.10¾	Nom.
semi-refined, Brazilian, drums	lb.	.06	Nom.
British, drums	lb.	.0680	Nom.
Cresote (see C).			
Croton, U.S.P., tins	lb.	1.40 @	1.50
Cubeb, U.S.P., tins	lb.	2.75 @	3.25
Crude (see Petroleum, crude).			
Cumin, bottles	lb.	8.50 @	10.00
Cypress, cans	lb.	12.00 @	—
Dextras (see D).			
Diesel, Bayonne, bulk	bbl.	1.05 @	—
California, 27 plus	bbl.	.80 @	90
Dip (see D).			
Dill, from seed, bottles	lb.	4.25 @	4.50
from weed, bottles	lb.	5.25 @	5.50
Erigeron, tins	lb.	.40 @	.45
Eucalyptus, Australia, cans	lb.	.32 @	.33
drums	lb.	.31 @	.32
Fennel seed, sweet, tins	lb.	1.00 @	1.25
Fuel, California, tidewater, bunker	bbl.	.82½@	.85
Gulf Coast	bbls.	.90 @	—
Kansas, 24-26	bbl.	.80 @	.85
Louisiana-Arkansas, 16-20	bbl.	.60 @	.70
18-20	bbl.	.65 @	.75
New York and New Jersey terminals:—			
Monday	bbl.	1.05 @	—
Tuesday	bbl.	1.05 @	—
Wednesday	bbl.	1.05 @	—
Thursday	bbl.	1.05 @	—
Friday	bbl.	1.05 @	—
Saturday	bbl.	1.05 @	—
North Texas, 24-26	bbl.	.85 @	.70
28-30	bbl.	.70 @	.75
Oklahoma, 18-22	bbl.	.65 @	.70
24-26	bbl.	.70 @	.75
28-30	bbl.	.80 @	.85
38-39	bbl.	.90 @	.95
Pennsylvania, 36-40	gal.	.04½@	.04¾
Furnace, bulk, refinery Bayonne:—			
No. 1	gal.	.05½@	—
No. 2	gal.	.04¾@	—
No. 3	gal.	.04¾@	—
No. 4	gal.	.04½@	—
Kansas, 38-40	gal.	.03½@	.03¾
Louisiana - Arkansas, 38-40 light straw	gal.	.02½@	.03
Oklahoma, 28-30	gal.	.03 @	.03½
32-36	gal.	.03½@	.03¾
38-40 straw	gal.	.03½@	.03¾
38-40 zero, 60 s.p.	gal.	.03¾@	.03½

Methyl Acetone—Oil, Lubricat.

Oil, fusel (see F).			
Gas, Bayonne, 32-36 bulk	gal.	.04½@	—
Gulf Coast, 32-36	gal.	.02 @	—
Kansas, 32-36	gal.	.02¾@	.03¼
Louisiana-Arkansas, 32-36	gal.	.03 @	.03½
North Texas, 32-36	gal.	.02½@	—
Oklahoma, 32-36, zero straw,	gal.	.02¾@	.03¼
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, tins,	lb.	5.25 @	6.75
Bourbon, tins	lb.	5.50 @	6.75
Turkish, tins	lb.	1.60 @	2.00
Grapefruit, cans	lb.	2.85 @	2.90
Ginger, distilled, bottles	lb.	3.30 @	4.00
Halibut liver, per 1,000 vitamin A units per gallon		.75 @	1.00
Haarlem, imported, bottles,	gross.	3.40 @	3.50
domestic, bottles	gross.	3.25 @	3.35
Hemlock, tins	lb.	.70 @	.80
Hempseed, crude, drums	lb.	.08¼@	.08½
refined, drums	lb.	.09¼@	.09½
Herring, coast, tanks	gal.	No stocks	
Juniper, berry, U.S.P., tins,	lb.	1.00 @	2.00
Wood, technical, tins	lb.	.45 @	—
Lard, common, No. 1, barrels	100 lbs.	8.75 @	—
No. 2 barrels	100 lbs.	8.50 @	—
extra, barrels	100 lbs.	11.00 @	—
No. 1, barrels	100 lbs.	9.00 @	—
headlight, burning, barrels	100 lbs.	12.50 @	—
prime, edible, barrels	100 lbs.	14.50 @	—
inedible, barrels	100 lbs.	12.50 @	—
winter, strained, extra, barrels	100 lbs.	11.25 @	—
prime, barrels	100 lbs.	11.50 @	—
Lavender, flowers, French U.S.P., tins	lb.	2.75 @	7.25
Garden, tins	lb.	.45 @	.50
Spike, Spanish, technical, tins	lb.	1.10 @	1.60
Lemon, California, cans	lb.	1.30 @	—
Messina, coppers, tins	lb.	1.30 @	1.75
Lemongrass, native, drums, tins		.55 @	.60
Lime, distilled, tins	lb.	5.45 @	6.00
expressed, tins	lb.	9.35 @	12.00
Linaloe wood, cases	lb.	1.30 @	1.40
Linseed, (Zone 3), boiled, tanks	lb.	.0980@	—
car lots, barrels	lb.	.1040@	—
less car lots, barrels	lb.	.1080@	—
less than 5 barrels	lb.	.1120@	—
double boiled, less than 5 barrels	lb.	.1140@	.1160
raw, tanks	lb.	.0940@	—
car lots, barrels	lb.	.1000@	—
less than car lots, barrels	lb.	.1040@	—
less than 5 barrels	lb.	.1080@	—

Differentials in linseed oil prices as compared with zone 3, all zone prices being on a delivered basis, are:—Zone 1, same as zone 3; zone 2, same as zone 3; zone 4, .001 higher; zone 5, .002 higher; zone 6, .003 higher; zone 7, .008 higher; zone 8, .008 higher on coast, .004 higher inland. Three differentials apply to all points in the several zones, with the following exceptions:—

Zone.	Differential.	Zone.	
Albuquerque, N. M.	7	$.005 over	1
Corpus Christi, Tex.	7	.001 over	3
El Paso, Texas	7	.005 over	1
Fargo, N. Dak.	6	same as	1
Fredonia, Kans.	6	same as	1
Grand Forks, N. D.	6	same as	1
Lexington, Ky.	5	same as	3
Lincoln, Neb.	6	.001 over	1
Little Rock, Ark.	7	.005 over	3
Louisville, Ky.	5	same as	3
Oklahoma City, Okla.	7	.002 over	1
Ponca City, Okla.	7	.002 over	1
Richmond, Va.	4	same as	3
Tulsa, Okla.	7	.002 over	1
Wichita, Kan.	6	.002 over	1

Territories comprised in the different zones are as follows:—Zone 1, Minn., Wis., Iowa, Ill., Mo.; zone 2, Mich., Ohio, Ind., extreme western Pa.; extreme western N. Y.; zone 3, remainder of N. Y. and Pa., Md., N. J., Del., Conn., R. I., Mass., Vt., N. H., Maine, zone 4, Fla., coast areas of Va., N. C., S. C., Ga., Ala., Miss., and Texas, east of Galveston; zone 5, Ky., Va., Tenn., N. C., S. C., Ga., Ala., Miss.; zone 6, Mont., Wyo., Colo., Kans., Neb., S. D., N. D.; zone 7, Ark., La., Okla., N. M., Texas; zone 8, Wash., Idaho, Ore., Cal., Ariz., Utah, Nev.

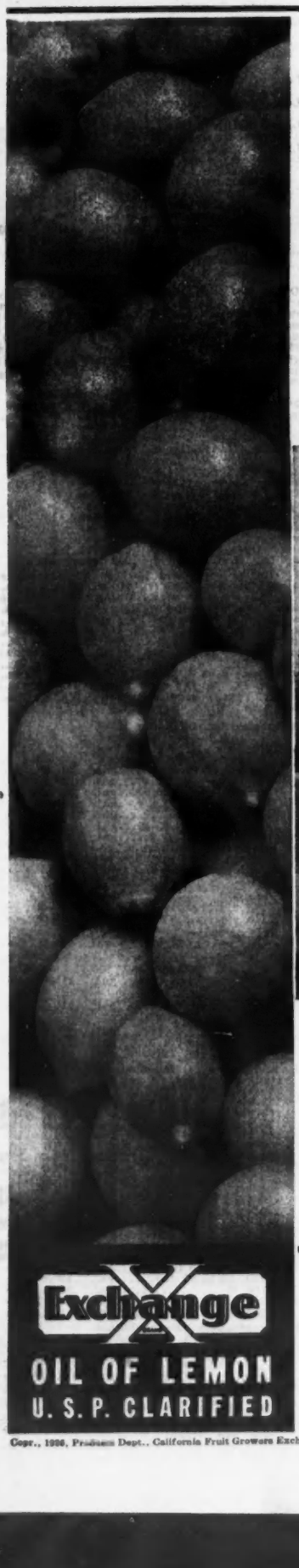
Oil, lubricating, including U. S. tax 4c. per gal., spot, f.a.s. N. Y., car lots, barrels, bright stock, light, Penna.	gal.	.30 @	—
Warren E.	gal.	.32½@	—
small lots, f.o.b.	gal.	.30 @	—
unfiltered, 600 s. r.	gal.	.20½@	.21
650 s. r.	gal.	.21½@	.22
630 flash, s. r.	gal.	.27 @	.29
600 flash, s. r.	gal.	.32½@	.33
Oil, lubricating, California, including U. S. tax, 4c. per gal., at refinery, tankcars:—			
Pale:—			
75 vis.	gal.	.21½@	—
175 vis.	gal.	.21½@	—
Pale or red:—			
100, 140, 1,000 vis.	gal.	.21½@	—
Pale, red or green:—			
200, 300, 350, 400, 450, 500 600, 700 vis.	gal.	.21½@	—
Pale or green:—			
750, 900 vis.	gal.	.21½@	—
Green:—			
70 vis.	gal.	.21½@	—
80, 100 vis.	gal.	.34½@	—
115, 125 vis.	gal.	.36½@	—
Oil, lubricating, Oklahoma, including U.S. tax, 4c. per gal.			
100 vis., No. 3 color	gal.	.12¾@	.14
150 vis., No. 3 color	gal.	.14 @	.14½
150 vis., No. 4 color	gal.	.13½@	.13¾
180 vis., No. 3 color	gal.	.15½@	.15¾
180 vis., No. 4 color	gal.	.14¾@	.15
200 vis., No. 3 color	gal.	.15¾@	.16
200 vis., No. 4 color	gal.	.15½@	.15¾
200 vis., No. 5 color	gal.	.14¾@	.15
220 vis., No. 3 color	gal.	.16¾@	.17
220 vis., No. 4 color	gal.	.16½@	.16¾
220 vis., No. 5 color	gal.	.16½@	.16¾
240 vis., No. 3 color	gal.	.17¾@	.18
240 vis., No. 4 color	gal.	.17¾@	.17¾
260 vis., No. 3 color	gal.	.18¾@	.19
260 vis., No. 4 color	gal.	.18 @	.18½
320 vis., No. 3½ color	gal.	.17½@	.17¾
150, Zero to 10 deg.	gal.	.17 @	—
150, 15 to 25 deg.	gal.	.16½@	—
150 E.	gal.	.16 @	—
190 D.	gal.	.33 @	—
200 D.	gal.	.19 @	—
Oil, lubricating, Pennsylvania, including U.S. tax, 4c. per gal., 150 vis., No. 3 color	gal.	.21½@	—
150 vis., No. 3 color	gal.	.23 @	—
200 vis., No. 2 color	gal.	.25½@	—
600 fire steam ref., cyl. stock	gal.	.15 @	—
635 fire steam ref. cyl. stock	gal.	.16½@	—

Oil, Lub.—Orthochlorophenol

Oil, lubricating, Penna, incl. U.S. tax 4c. per gal, 650 fire steam ref. cyl. stock..gal. .17 @ —
600 flash cyl. stock....gal. .17½@ —
630 flash cyl. stock.....gal. .22½@ —
600 E amber fil. cyl. stock gal. .18½@ —
600 cold test (light bright), 10 to 40 pour.....gal. .23 @ .23½
10 to 15 pour.....gal. .34 @ .34½
Mace, distilled, tins.....lb. 1.10 @ 1.15
Menhaden, crude, f.o.b. Baltimore, tanks..gal. .36@ Nom.
refined, alkali, drums, car lots..lb. .0750@ —
less car lots, drums....lb. .0790@ —
tanks .....lb. .0690@ —
blown, drums.....lb. .0790@ —
kettle, bodied, drums.....lb. .0930@ —
light, pressed, drums, car lots..lb. .0690@ —
less car lots, drums....lb. .0730@ —
tanks .....lb. .0630@ —
Mustard, artificial, U.S.P., bottles. 1.94 @ 2.00
natural, U.S.P., bottles....lb. 8.00 @ 9.00
expressed, barrels.....gal. .70 @ .75
Neatsfoot, cold test, barrels.. 100 lbs.16.75 @ —
extra, barrels.....100 lbs. 9.25 @ —
No. 1, barrels.....100 lbs. 9.00 @ —
pure, barrels.....100 lbs.12.75 @ —
special, barrels.....100 lbs.11.25 @ —
sulphonated, common, 25 p.c. moisture, dms..lb. .10½@ —
Neroli, bottles.....lb.35.00 @60.00
Nutmeg, U.S.P., tins.....lb. 1.10 @ 1.15
Oiticica, drums.....lb. .13 @ .13½
shipment .....lb. .12¾@ —
Oleo, No. 1, barrels....100 lbs.12.00 @ —
No. 2, barrels.....100 lbs.11.50 @ —
Oil, olive, denatured, barrels.gal. .75 @ .76
edible, barrels.....gal. 1.60 @ 1.90
foots, barrels.....lb. .08½@ .08¾
sulphonated, 50 p.c. (43 p.c. fat), car lots, drums...lb. .09 @ —
less car lots, drums.....lb. .09½@ —
75 p.c. (63 p.c. fat), car lots, drums..lb. .12½@ —
less car lots, drums....lb. .13 @ —
80 p.c. (68 p.c. fat), car lots, drums..lb. .13½@ —
less car lots, drums....lb. .14 @ —
Oil, orange, sweet, distilled, tins. lb. .75 @ —
expressed, African, cans, drums..lb. .95 @ 1.00
California, tins.....lb. 2.65 @ —
Messina, U.S.P., coppers.lb. 2.10 @ 2.75
West India, tins.....lb. 2.25 @ 2.30
Origanum, Spanish, tins....lb. .70 @ 1.35
Orris, Florentine, concrete, extra strong, bottles...oz. 5.75 @ 6.00
Palm, Niger, casks.....lb. .04¾@ .05
shipments, casks.....lb .0420@ .0425
softs bulk, shipment—
12½ p.c.....lb. .04¾@ —
20 p.c.....lb. .0420@ —
Sumatra, tanks.....lb. .04½@ —
Palm kernel, bulk shipment. lb. .04¾ Nom.
Palmarosa, tins.....lb. 1.60 @ 2.00
Paraffin, 220 deg., flash, 60-70 vis., f.o.b. group 3, tankcars..gal. .06¼@ —
120 deg. flash 70-80 vis., f.o.b. group 3, tankcars, gal. .05¼@ —
85-85 vis., f.o.b. Indiana refinery, barrels extra..gal. .13 @ —
350 deg. flash, 100-105 vis., f.o.b. Indiana refinery, barrel extra..gal. .14 @
300 deg. flash, 100-110 vis., f.o.b. group 3, tankcars, gal. .05¾@ —
Oil, patchouli, bottles.....lb. 5.25 @ 6.00
Peanut, crude, mill, tank...lb. .08¾ Nom.
refined, edible, barrels....lb. .12¼@ .12½
Pennyroyal, domestic, tins..lb. 1.65 @ 2.10
imported, tins.....lb. 1.35 @ 1.45
Peppermint, natural, cases..lb. 2.15 @ 2.30
redistilled, U.S.P., tins....lb. 2.40 @ 2.55
Perilla, drums.....lb. .07 @ .07½
tanks .....lb. .0660@ .0680
Petitgrain, Paraguay, tins..lb. 1.00 @ 1.15
Pimento, berry, tins.....lb. 1.75 @ 2.15
leaf, tins .....lb. 1.00 @ 1.10
Pine, destructive, distilled, straw color, delivered Eastern ports, drums..gal. .44 @ —
steam distilled, straw color, barrels..gal. .39 @ —
tanks .....gal. .34 @ —
water-white, barrels.....gal. .44 @ —
tanks .....gal. .39 @ —
Pineneedle, Siberian, cans...lb. .90 @ 1.10
Putty, f.o.b. Boston and Providence, tankcars..gal. .18 @ —
carlots, drums.....gal. .25½@ —
l.c.l. drums.....gal. .27 @ —
California, f.o.b. Martinez refinery, tankcars..gal. .2- @ —
f.o.b. Richmond, El Segundo refineries, 50-gallon barrels..gal .13½@ —
contract 50-gallon barrels..gal. .10½@ —
Chicago, f.o.b. Whiting, 50-gallon barrels..gal. .28 @ —
Oil, rapeseed, blown, barrels. lb. .0860 @..0880
denatured, bbls.....gal. .52 @ .53
Red, distilled or saponified, delivered, barrels..lb. .09¾@ .10¾
drums .....lb. .09¼@ .10¼
drums, returnable.....lb. .08¾@ .10¾
tanks .....lb. .08¾@ —
Oil, red, white, drums.....lb. .11½@ .12
Turkey (see Oil, turkey red).
Rose, artificial, bottles.....oz. 2.00 @ 3.00
natural, coppers.....oz. 5.50 @22.50
Rosemary, technical, tins...lb. .20 @ .42
U.S.P., drums, tins.....lb. .34 @ .45
Rosin, first rectified, drums.. gal. .42 @ .44
second rectified, drums...gal. .48 @ .50
third rectified, drums....gal. .55 @ .57
Rue, bottles.....lb. 2.15 @ 2.20
Sage, cans.....lb. 1.70 @ 1.75
Salmon, Coast, tanks.....gal. .31 Nom.
Sandalwood, Australian, tins, lb. 4.50 @ 5.00
East India, U.S.P., makers, tins. 4.60 @ 5.50
Sardine, Coast, crude, tanks, gal. .34 @ .36½
refined, alkali, drums, car lots..lb. .0750@ —
less car lots, drums....lb. .0790@ —
tanks .....lb. .0690@ —
kettle bodied, drums.....lb. .0930@ —
light, pressed, drums, car lots..lb. .0690@ —
less car lots.....lb. .0730@ —
tanks .....lb. .0630@ —
for poultry feeding, Coast, drums..gal. .50 @ —
Sassafras, artificial, drums, lb. .43 @ .44
cans .....lb. .46 @ .47
natural drums, tins.....lb. .75 @ 1.25
Savin tins.....lb. 1.85 @ 2.00
Sesame, ref., white, drums..lb. .13 @ .13¼
yellow, drums.....lb. .13 @ .13¼
Shingle stain, tanks, works, gal. .14½@ —
car lots, bbls., works....gal. .17½@ —
less car lots, bbls.....gal. .20 @ —
Snake root, Canada, tins....lb.10.25 @13.50
Soybean, domestic, crude, drums..lb. .0860@ .0900
tanks .....lb. .0800@ —
refined, drums.....lb. .0910@ .1000
tanks .....lb. .0850@ .0900
Spearmint, U.S.P., cases....lb. 1.40 @ 1.50
Sperm, bleached, 38 deg., drums..lb. .0940@ .0990
45 deg., drums.....lb. .0870@ .0920
natural, drums.....lb. .0820@ .0840
Spruce, tins .....lb. .70 @ .80
Sunflowerseed, refined, drums, lb. .09¾@ .10¼
Sweet birch, Northern, tins.lb. 3.50 @ 3.75
Southern, tins.....lb. 1.95 @ 2.10
Tallow, acidless, barrels, 100 lbs. 8.75 @ —
tanks .....100 lbs. 8.25 @ —
Tansy, tins.....lb. 1.50 @ 1.60
Tar, commercial, delivered Eastern cities, cars, drums..gal. .36 @ —
delivered Eastern ports, cars, drums..gal. .35 @ —
less cars, drums.....gal. .33 @ —
tanks, delivered Eastern cities..gal. .30 @ —
Tar acid (see T).
Teaseed, drums .....lb. .06¼ Nom.
shipment .....lb. .00 Nom.
Thyme, N.F., red, drums, tins..lb. .80 @ .85
white, tins.....lb. .80 @ 1.10
Tung (see Oil, chinawood).
Turkey (see oil, castor, sulphonated).
Turpentine (see T)
Turtle cans.....gal. 4.00 @ 5.00
Valerian, bottles.....lb.13.50 @14.00
Vetiver, Bourbon, bottles....lb.11.00 @11.50
Walnut, crude, drums.....lb. .10½@ .10¾
refined, drums.....lb. .11½@ .12
Whale, refined, natural, drums, lb. .0730@ .0750
winter, bleached, drums....lb. .0770@ .0790
White, mineral, domestic, 860@870 s.g., 125-135 vis., drums..gal. .76½@ .77½
875@885 s.g., 175-185 vis., drums..gal. .79½@ .80½
890@900 s.g., 330-350 vis., drums..gal. .87½@ .89
Russian, 860-865 s.g., 75-85 vis., drums..gal. .52 @ —
870@875 s.g., 145-155 vis., drums..gal. .74½@ —
875@880 s.g., 185-190 vis., drums..gal. .76½@ —
880@885 s.g., 275-285 vis., drums..gal. .80 @ —
885-890 s.g., 335-345 vis., drums..gal. .85 @ —
Oil, wintergreen, Northern, tins, lb. 4.00 @ 8.00
Southern, tins.....lb. 3.35 @ 3.75
synthetic (see Methylsalicylate).
Wood (see Oil, chinawood)
Wormseed, tins.....lb. 2.15 @ 2.20
Wormwood, tins.....lb. 2.25 @ 2.35
Ylang ylang, Bourbon, bottles, cans..lb. 4.65 @ 7.00
Manila, bottles.....lb.26.00 @30.00
Opium, U.S.P., cases.....lb.11.50 @12.50
granulated, U.S.P., cans....lb.12.50 @13.50
powdered, U.S.P., cans.....lb.12.50 @13.50
Orange chrome (see yellow, chrome).
Orange lake, Persian, barrels.lb. .80 @ .45
Orange mineral, American, ex-red lead, delivered, 5-ton lots, barrels..lb. .10 @ —
smaller lots, barrels.....lb. .10½@ —
ex-white lead, delivered, 5-ton lots, barrels..lb. .10 @ —
smaller lots, barrels.....lb. .10½@ —

Exceptions:—Delivered prices on all grades of orange mineral in 5-ton lots and smaller lots are ½c. per pound higher than above in Alabama, Arkansas, California, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Texas, and west of Cascade Mountains in Oregon and Washington; delivered prices are ½c. per pound higher in Colorado, Montana, New Mexico and Wyoming; delivered prices are ¾c. per pound higher in Arizona, Idaho, Nevada, Utah, and east of the Cascade Mountains in Oregon and Washington.

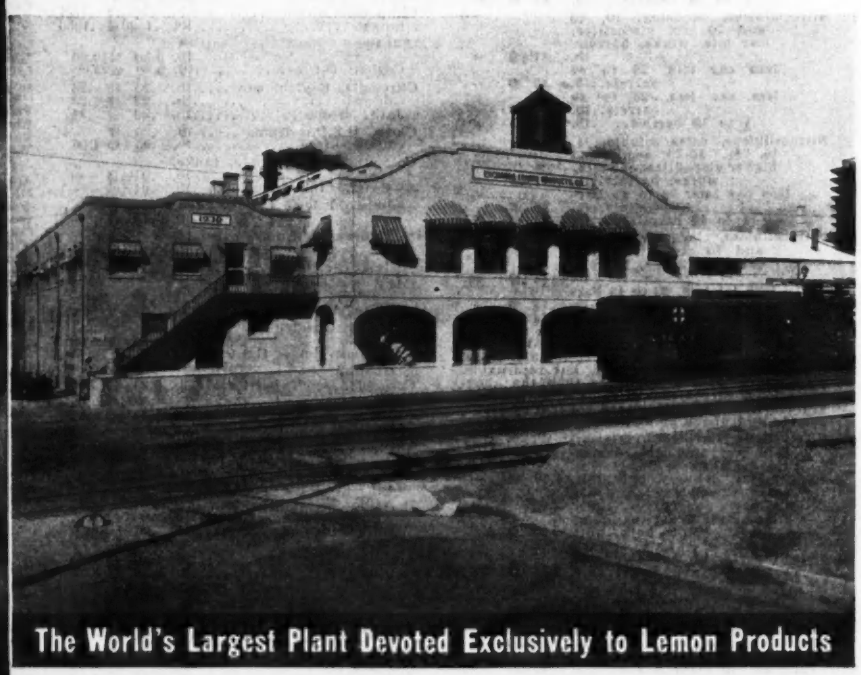
Orange mineral, French Toure, ex-dock, casks..lb. .17 @ —
kegs .....lb. .18½@ —
Orange peel, bitter bales.....lb. .09 @ .09¼
sweet, bales.....lb. .08 @ .09
Orange toner, barrels.....lb. .75 @ —
Orangeflower petals, cases....lb. .40 @ .41
Orris root, Florentine, bags...lb. .09 @ .10
fingers, cases.....lb. .95 @ 1.00
powdered, barrels, boxes..lb. .12 @ .13
Verona, bales.....lb. .08 @ .09
powdered, bales.....lb. .11 @ .12
Orthochloranilin, drums.....lb. .80 @ .75
Orthoanisidin, barrels.....lb. .82 @ .84
Orthochlorophenol, drums.....lb. .80 @ .75



By 3 to 1

AMERICA'S FAVORITE OIL OF LEMON

More than 75% of all the Lemon Oil sold in the United States in 1935 was Exchange Brand



The World's Largest Plant Devoted Exclusively to Lemon Products

FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Sold to the American market exclusively by

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK CITY

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1936, Products Dept., California Fruit Growers Exchange

Orthocresol, drums	lb.	.13 @	.15
Orthodichlorobenzene, drums	lb.	.05½@	.06
Orthonitrochlorobenzene, kegs	lb.	.25 @	.29
Orthonitroaniin, drums	lb.	.48 @	.60
Orthonitroparaphenylenediamine, tins, lb.		.70 @	.75
Orthonitrophenol, kegs	lb.	.85 @	.90
Orthonitrotoluene, drums	lb.	.07 @	.10
Orthotoluene sulphonate, kegs	lb.	2.00 @	2.00
Orthotoluidin, drums	lb.	.14½@	.15
Osage Orange extract liquid, 51 deg., barrels	lb.	.07 @	.08
crystals, barrels	lb.	.17 @	.19
Oxyquinolin sulphate, f.o.b. works, 100-lb. lots	lb.	3.60 @	—
1 to 50-pound lots	lb.	3.65 @	4.00

P

Papain, powdered, cases	lb.	1.60 @	1.75
Paprika, Hungarian, bags	lb.	.23 @	.26½
Spanish, extra fancy, cases	lb.	.23½@	.25
fair, bags	lb.	.21½@	.23
fancy, bags	lb.	.32 @	.35½
medium, bags	lb.	.23 @	.25
Para-aminoacetanilide, kegs	lb.	.95	Nom.
Para-aminophenol, bags, bbls.	lb.	1.05 @	—
hydrochloride, barrels	lb.	1.25 @	—
Para-amyl phenol, tertiary, works, less car lots	lb.	.50 @	—
Parachlorophenol, drums	lb.	.50 @	.48
Paracymene, refined, drums	gal.	.70 @	1.12½
Paradichlorobenzene, drums	lb.	.16 @	.20
kegs	lb.	.18 @	.25
Paraffin, crude, white, scale, car lots, 122-124 A.m.p., bbls.	lb.	.02½@	.0255
124-126 A.m.p., bbls	lb.	.02½@	.0255
yellow scale, 124@126 A.m.p., barrels	lb.	.02¾	Nom.
fully refined, slabs, car lots, 120@123 A.m.p., bags	lb.	No prices	
123@126 A.m.p., bags	lb.	.0445@	—
export f.a.s. N.Y., bags, lb.		.0440@	—
125-127 A.m.p., bags	lb.	.0455@	—
export, f.a.s. N.Y., bags, lb.		.0440@	—
126@130 A.m.p., bags	lb.	.0480@	—
export, f.a.s. N.Y., bags, lb.		.0470@	—
130-133 A.m.p., bags	lb.	.0495@	—
export, f.a.s. N.Y., bags, lb.		.0490@	—
133@135 A.m.p., bags	lb.	.0505@	—
export, f.a.s. N.Y., bags, lb.		.0500@	—
135@137 A.m.p., bags	lb.	.0520@	—
export, f.a.s. N.Y., bags, lb.		.0515@	—
137@140 A.m.p., bags	lb.	.0535@	—
143@145 A.m.p., bags	lb.	.0780@	—
cases, 4c. per pound higher than bags.			
match, 105@108, A.m.p., bbls.	lb.	.06	Nom.
111@115 A.m.p., bbls.	lb.	.05	Nom.
semi-refined, solid, bags, 123 @124 A.m.p., bags	lb.	.02¾	Nom.
Oklahoma, at refinery, crude, scale, 122@124, bags	lb.	.02¼@	.02¾
124@130, bags	lb.	.02½@	.02¾
Paraformaldehyde, 1,000-lb. lots, kegs	lb.	.12 @	—
100-lb. lots, kegs	lb.	.20 @	—
Paraldehyde, tank, dms, works, lb.		.10 @	.12
U.S.P., carboys	lb.	.97 @	.99
Paranitroaniliu, kegs	lb.	.07 @	.09
Paranitrochlorobenzene, kegs	lb.	.23½@	.24
Paranitrophenol, kegs	lb.	.25 @	.27
Paranitrotoluene, kegs	lb.	.26 @	.27
Paraphenylenediamine, bbls	lb.	1.25 @	1.30
Paratertiaryamylphenol, f.o.b. Wyandotte, Mich., 1 to 5 pounds, drums	lb.	2.00 @	—
5 lbs. to drum, drums	lb.	1.60 @	—
drums	lb.	.50 @	—
2,000 lbs. lots, drums	lb.	.42 @	—
10,000 lbs. lots, drums	lb.	.35 @	—
30,000 lbs. lots, drums	lb.	.32 @	—
tanks	lb.	.31 @	—
Paratoluenesulphonamide, bbls	lb.	.70 @	.75
Paratoluenesulphonanilide, barrels	lb.	.55 @	—
Paratoluidin, barrels	lb.	.55 @	.60
Pareira brava root, bales	lb.	.14 @	.16
Paris green, f.o.b. New York, freight allowed East of Cleveland, arsenic, kegs, lb.		.22 @	—
100 to 175-lb. kegs	lb.	.24 @	—
14 and 28-lb. kits	lb.	.26 @	—
2 and 5-lb. boxes	lb.	.28 @	—
1-lb. boxes	lb.	.31 @	—
½-lb. boxes	lb.	.34 @	—
¼-lb. boxes	lb.	.37 @	—
Passion flower herb, bales	lb.	.07 @	.08
Patchouli leaves, bales	lb.	.15 @	.16
Pellitory root, bales	lb.	.17 @	.18
Pennyroyal, bales	lb.	.10 @	.11
Pentanes, normal, 28-38 C. deg., group 3, tankcars	gal.	.09 @	—
drums, car lots	gal.	.10 @	—
drums, l.c.l.	gal.	.15 @	—
laboratory grade, group 3, drums, car lots	gal.	.19 @	—
l.c.l.	gal.	.25 @	—
Pepper, black, Aleppy, bags	lb.	.06¾@	.09¼
Lampong, bags	lb.	.06 @	.06½
Tellicherry, bags	lb.	.09½@	.10
red, chillies, Japanese, No. 1, bags	lb.	.12½@	.13
Birdseye, old crop, bags	lb.	.13 @	.13½
afloat, bags	lb.	.14½@	.15¼
Mombasse, bags	lb.	.14 @	.14¼
white, Java, Muntok, bags	lb.	.10½@	.11
Singapore, Muntok, bags	lb.	.10¼@	.11
Borneo, bags	lb.	.10½@	.11
Saigon, bags	lb.	.11 @	.11¼
Peppermint leaves, domestic, bales	lb.	.30 @	.32
imported, bales	lb.	.50 @	.75
Persian berry extract, barrels	lb.	.55	Nom.
Peru, balsam, drums	lb.	1.35 @	1.40
Petrolatum, amber, dark, car lots, barrels	lb.	.02¾@	.03¾
light, car lots, barrels	lb.	.03½@	.03¾
medium, car lots, barrels	lb.	.03¾@	.03¾
cream, car lots, barrels	lb.	.05 @	.05½
dark green, car lots, barrels	lb.	.03½@	.03¾
lily white, car lots, barrels	lb.	.06 @	.06½
red, car lots, barrels	lb.	.02¾@	.02¾
snow white, car lots, barrels	lb.	.07 @	.07½
veterinary, car lots, barrels	lb.	.02¾@	.03¾
Petroleum, crude, at wells:— California:—			
Alamitos Heights	bbl.	.74 @	.95
Athens	bbl.	.84 @	1.00
Belridge	bbl.	.95 @	1.03
Buena Vista Hills	bbl.	.70 @	1.39
Coalinga	bbl.	.59 @	.77
Coyote Hills	bbl.	.73 @	1.00
Domingues	bbl.	.79 @	1.16
East Coyote	bbl.	.76 @	.96
Elk Hills	bbl.	.65 @	1.04
Elwood Terrace, f.o.b. ship.	bbl.	1.28 @	1.43
Huntington Beach	bbl.	.78 @	.80
Inglewood	bbl.	.79 @	1.27
Kern River	bbl.	.70 @	—
Kettleman Hills	bbl.	1.19 @	1.43
La Habra	bbl.	.71 @	.80
Petroleum, crude, at wells:— California (continued):—			
Lost Hills	bbl.	.70 @	.90
McKittrick	bbl.	.70 @	—
Midway-Sunset	bbl.	.70 @	1.38
Montebello	bbl.	.77 @	1.43
Mt. Poso	bbl.	.68 @	.95
Mountain View	bbl.	.85 @	.91
Newhall	bbl.	.70 @	—
Olinda Brea	bbl.	.76 @	1.27
Orcutt	bbl.	.66 @	.75
Playa del Rey	bbl	.75 @	.93
Richfield	bbl.	.76 @	1.09
Rosecrans	bbl.	.84 @	1.66
Santa Fe Springs	bbl.	.75 @	1.07
Santa Paula	bbl.	.85 @	.88
Seal Beach	bbl.	.74 @	1.19
Signal Hill	bbl.	.75 @	.98
Torrence	bbl.	.80 @	1.05
Wheeler Ridge	bbl.	.70 @	.83
Whittier	bbl.	.76 @	.96
Canada:— Oil Springs	bbl.	2.17 @	—
Petrolia	bbl.	2.10 @	—
Central West:— Illinois	bbl.	1.23 @	—
Lima	bbl.	1.25 @	—
Midland (Mich.)	bbl.	.99 @	—
Princeton	bbl.	1.13 @	—
East Texas	bbl.	1.15 @	—
Gulf Coast:— Barber's Hill	bbl.	.92 @	1.22
Batson	bbl.	.92 @	1.22
Conroe	bbl.	1.24 @	1.34
Dayton	bbl.	.92 @	1.22
Evangeline	bbl.	.92 @	1.22
Goose Creek	bbl.	.92 @	1.22
High Island	bbl.	.92 @	1.22
Hull	bbl.	.92 @	1.22
Humble	bbl.	.92 @	1.22
Liberty	bbl.	.92 @	1.22
Markham	bbl.	.92 @	1.22
Orange	bbl.	.92 @	1.22
Pierce Junction	bbl.	.92 @	1.22
Pettus	bbl.	1.25 @	—
Port Lavaca	bbl.	.80 @	—
Refugio, light	bbl.	.92 @	1.22
heavy	bbl.	.90 @	—
Saratoga	bbl.	.92 @	1.22
Sugarland	bbl.	.92 @	1.22
Sour Lake	bbl.	.92 @	1.22
Spindle Top	bbl.	.92 @	1.22
Terry	bbl.	.92 @	1.22
West Columbia	bbl.	.92 @	1.22
Petroleum, crude, at wells, Kentucky, Tennessee:— Oil City, in Steel lines	bbl.	1.60 @	—
Somerset	bbl.	1.30 @	1.35
Western Kentucky, all gravities	bbl.	1.20 @	—
Louisiana, Arkansas:— Bosco	bbl.	1.02 @	—
Bull Bayou	bbl.	.71 @	1.06
Caddo	bbl.	.78 @	1.10
Cameron Meadows	bbl.	.82 @	1.12
Cotton Valley	bbl.	.78 @	1.10
De Soto	bbl.	.78 @	1.10
El Dorado	bbl.	.78 @	1.10
Haynesville	bbl.	.78 @	1.10
Homer	bbl.	.78 @	1.10
Iowa	bbl.	.72 @	1.06
Lockport	bbl.	.92 @	1.22
Miller County	bbl.	.78 @	1.10
Nevada	bbl.	.95 @	—
Pine Island	bbl.	.84 @	1.06
Rodessa	bbl.	.78 @	1.10
Smackover	bbl.	.75 @	.80
Urania	bbl.	.97 @	—
Mexico:— F.o.b. terminals, Mexican ports—based on contract.			
Panuco	bbl.	1.00 @	—
Tax, per barrel, 12.254c.			
Tuxpan	bbl.	.98 @	—
Tax, per barrel, 20.098c.			
Midcontinent:— Corsicana	bbl.	.80 @	—
North Texas	bbl.	.86 @	1.13
Oklahoma-Kansas	bbl.	.86 @	1.18
Pennsylvania, Ohio, West Virginia:— Bradford-Allegany	bbl.	2.45 @	—
Corning	bbl.	1.42 @	—
Pennsylvania grade, in Buckeye lines	bbl.	1.97 @	—
Eureka lines	bbl.	2.12 @	—
Lower district in National Transit lines	bbl.	2.37 @	2.42
Southwest Penn line	bbl.	2.17 @	—
Rocky Mountain:— Big Muddy	bbl.	1.11 @	—
Cat Creek	bbl.	1.07 @	—
Elk Basin	bbl.	1.23 @	—
Frannie, light	bbl.	.78 @	—
heavy	bbl.	.72 @	—
Grass Creek, light	bbl.	1.28 @	—
heavy	bbl.	.72 @	—
Greybull	bbl.	1.28 @	—
Lance Creek	bbl.	.78 @	—
Pondera	bbl.	1.05 @	—
Rock Creek	bbl.	1.12 @	—
Salt Creek	bbl.	.94 @	1.18
Sunburst	bbl.	1.26 @	—
South, Central and Southwestern Texas:— Darst Creek	bbl.	.97 @	1.02
Luling	bbl.	.90 @	—
Lytton Springs	bbl.	1.00 @	—
Mirando	bbl.	.85 @	—
Panola County	bbl.	.84 @	1.06
Salt Flat	bbl.	1.02 @	—
Saxet	bbl.	.90 @	—
Tomball	bbl.	1.30 @	—
Van	bbl.	.79 @	1.06
Texas Panhandle:— Carson County	bbl.	.81 @	.82
Gray County	bbl.	.86 @	.96
Hutchinson County	bbl.	.81 @	.86
West Texas:— Artesia, N. M.	bbl.	.75 @	—
Crane	bbl.	.75 @	.96
Crockett	bbl.	.75 @	.90
Ector	bbls.	.75 @	.90
Hobbs, N. M.	bbl.	.65 @	—
Glasscock	bbl.	.75 @	.90
Hogback	bbl.	1.21 @	—
Howard	bbl.	.75 @	.90
Jackson, N. M.	bbl.	.75 @	—
Lea, N. M.	bbl.	.75 @	.90
Maljamar, N. M.	bbl.	.75 @	—
Mitchell	bbl.	.80 @	—
Pecos	bbl.	.75 @	.90
Upton	bbl.	.75 @	.90
Winkler	bbl.	.85 @	—
Petroleum, ether, 30-60 deg., Group 3, tankcars	gal.	.13 @	—
drums, car lots	gal.	.16 @	—
drums, less car lots	gal.	.17 @	—
30-60 deg., Group 3, drums, l.c.l.	gal.	.35 @	—
40-75 deg., Group 3, tankcars	gal.	.13 @	—
drums, car lots	gal.	.15 @	—
drums, less car lots	gal.	.16 @	—
laboratory grade, Group 3, drums, car lots	gal.	.19 @	—
l.c.l.	gal.	.25 @	—
10-gallon drums	gal.	.50 @	—

Petroleum, solvents and diluents.— Petroleum solvents and diluents in tank wagons are ex-tax except at Chicago, Decatur, Des Moines, Minneapolis and St. Paul, which include 3c. tax and Milwaukee which includes 4c. tax.

Cleaners' naphtha, f.o.b. refinery, Group 3, tankcars	gal.	.07½@	.07½
Bayonne, tankcars	gal.	.09½@	—
San Francisco, tankcars	gal.	.15 @	—
Cleaners' naphtha, tankwagon Boston	gal.	.13 @	—
Chicago	gal.	.155 @	—
Decatur	gal.	.185 @	—
Des Moines	gal.	.183 @	—
Milwaukee	gal.	.196 @	—
Minneapolis	gal.	.189 @	—
Newark	gal.	.11½@	—
New York	gal.	.11½@	—
Omaha	gal.	.186 @	.20
Philadelphia	gal.	11½@	—
St. Louis	gal.	.152 @	—
St. Paul	gal.	.189 @	—
Syracuse, 150 gals. or over, gal.		.14 @	—
less than 150 gals., milkcans	gal.	.21 @	—
galv.-drums	gal.	.16 @	—
Hydrogenated naphtha, f.o.b. refinery, Bayway, tankcars, No. 1	gal.	.16 @	—
No. 2	gal.	.15 @	—
No. 3	gal.	.15 @	—
No. 4	gal.	.15 @	—
Lacquer diluents, refinery, Bayonne, tankcars	gal.	.12 @	.12½
drums	gal.	.19 @	—
California, 305 i.b.p., 311 e.p., tankcars	gal.	.15 @	—
49-51 gravity, 297 i.b.p., 365 e.p., tankcars	gal.	.13 @	—
52-53 gravity, 160 i.b.p., 379 e.p., tankcars, delivered Los Angeles	gal.	.15½@	—
delivered San Francisco	gal.	.16 @	—
Richmond (Cal.)	gal.	.14 @	—
Willbridge (Ore.) or Point Wells (Wash.)	gal.	.14½@	—
61-63 gravity, 149 i.b.p., 375 e.p., tankcars	gal.	.15 @	—
Group 3, tankcars	gal.	.05½@	.06½
Petroleum thinner, East Coast, 47-49 deg., tankcars	gal.	.09½@	—
43-47 deg., tankcars	gal.	.09½@	—
Group 3 refineries, tankcars	gal.	.06½@	.06½
Pacific Coast refineries, 35.5 grav., 300 i.b.p., 413 e.p., low aniline, tankcars, Los Angeles	gal.	.14 @	—
Portland, Ore.	gal.	.15 @	—
Richmond, Cal.	gal.	.13½@	—
Seattle, Wash.	gal.	.13½@	—
42-46 grav., 305 i.b.p., 410 e.p., tankcars, Point Wells, Wash., or Willbridge, Ore.	gal.	.12½@	—
Richmond, Cal.	gal.	.12 @	—
Southern California	gal.	.11½@	—
45.4 grav., 190 i.b.p., 300 e.p., low aniline, tankcars, Los Angeles	gal.	.13 @	—
Portland, Ore.	gal.	.19 @	—
Richmond, Cal.	gal.	.17½@	—
Seattle, Wash.	gal.	.19½@	—
55 grav., 209 i.b.p., 305 e.p., tankcars, El Segundo, Cal.	gal.	.12½@	—
Portland, Ore.	gal.	.14½@	—
Richmond, Cal.	gal.	.14 @	—
Seattle, Wash.	gal.	.14½@	—
Pennsylvania, tankcars	gal.	.06½@	—
Petroleum thinner, tax incloed, tankwagon, Albany	gal.	.135 @	.185
drums	gal.	.15 @	.15
Baltimore	gal.	.11 @	.14
Binghamton, N. Y.	gal.	.14 @	.16
Boston, 30,000 gallons	gal.	.13 @	—
smaller lots	gal.	.13 @	—
drum	gal.	.14 @	—
Bridgeport, Conn., contract, t/w or drums	gal.	.115 @	—
open order, t/w or drums	gal.	.135 @	—
Buffalo	gal.	.14 @	—
Camden, N. J.	gal.	.115 @	.135
Chicago	gal.	.162 @	—
Decatur, Ill.	gal.	.175 @	—
Des Moines	gal.	.173 @	—
Milwaukee	gal.	.188 @	—
Minneapolis-St. Paul	gal.	.179 @	—
Newark	gal.	.11½@	.13½
New York (over 200 gals)	gal.	.11½@	—
less than 200 gals	gal.	.12 @	—
steel barrels	gal.	.12 @	—
Omaha	gal.	.15½@	.16½
Philadelphia	gal.	.115 @	.135
Pittsburgh	gal.	.12 @	.14
Providence 20,000 gallons	gal.	.12 @	—
smaller lots	gal.	.13 @	—
drums	gal.	.14 @	—
Rochester	gal.	.13 @	—
under 150 gals.	gal.	.16 @	—
under 20 gals.	gal.	.21 @	—
St. Louis	gal.	.142 @	—
Syracuse	gal.	.14 @	—
Trenton	gal.	.11½@	.13½
Wilmington, Del.	gal.	.15 @	—
200 gallon lots	gal.	.13 @	—

Petroleum thinner at Wilmington, Del., in lots of 1,000 gallons or over, on contract, is 2c. per gallon lower than tankwagon price on date of delivery.

Rubber solvent, Group 3, standard grade, 190 i.b.p., 288 e.p., tankcars	gal.	.07½@	.07¼
light grade, 120 i.p.b., 250 e.p., tankcars	gal.	.07½@	.07¼
San Francisco, 60.2-62.5° gravity, 167 i.b.p., 250 e.p., tankcars (inc. tax),	gal.	.14 @	—
62.6 gravity, 194 i.b.p., 293 e.p., tankcars (inc. tax),	gal.	.14 @	—
Stoddard solvent (CSS-36), Group 3, refinery, tankcars	gal.	.06½@	.07
East Coast, refinery, tankcars	gal.	.09½@	—

Stoddard solvent, tankwagon prices are listed ex-tax except at Chicago, Decatur, Des Moines, Minneapolis and St. Paul which include 3c. tax and Milwaukee which includes 4c. tax.

tankwagon, Boston	gal.	.13½@	—
Chicago	gal.	.16½@	—
Decatur	gal.	.17½@	—
Des Moines	gal.	.173 @	—
Milwaukee	gal.	.188 @	—
Minneapolis	gal.	.164 @	—
Newark	gal.	.11½@	—
New Orleans	gal.	.11 @	—
New York	gal.	.11½@	.13
Omaha	gal.	.14 @	.15
Philadelphia	gal.	.11½@	—
St. Louis	gal.	.135 @	—
St. Paul	gal.	.164 @	—

V. M. & P. Naphtha (see V).

Orthocresol — Potash, Prussiate

Phenobarbitol, bottles	lb.	4.50 @	4.85
Phenol, U.S.P., sellers' works, freight equalised car lots, drums	lb.	.14½@	—
tins	lb.	.15½@	—
less car lots, drums	lb.	.15 @	—
tins	lb.	.16 @	—
Phenolphthalein, U.S.P., 2,000 lbs. lots, barrels, drums	lb.	.65 @	—
100-lb. to 250-lb. lots, barrels, drums, kegs	lb.	.67 @	—
yellow, barrels	lb.	.60 @	—
Phenyl chloride, drums	lb.	.16 @	—
Phenylacetaldehyde, bottles	lb.	5.00 @	5.25
Phenylhydrazin hydrochloride C.P., works, bottles	lb.	3.80 @	5.10
commercial, works, kegs	lb.	3.30 @	4.50
pure, works, bottles	lb.	2.95 @	3.20
Phlorogiucinol, C.P., works, tins	lb.	20.00 @	22.00
technical, works, tins	lb.	15.00 @	16.50
Phosphate rock, Florida, high-grade hard, 77 p.c., basis, 76 p.c., minimum, mines	long ton.	4.25 @	—
land pebble, 68 p.c., minimum, mines	long ton.	1.85 @	—
70 p.c., mines	long-ton.	2.25 @	—
72 p.c., mines	long ton.	2.95 @	—
75 p.c., basis, 74 p.c., minimum, mines	long ton.	3.85 @	—
Tennessee, 72 p.c., mines, long ton.		4.50 @	—
75 p.c., mines	long ton.	5.50 @	—
Phosphorus, red, cases	lb.	.40 @	.44
yellow, cases	lb.	.26 @	.28
Oxychloride, cylinders	lb.	.16 @	.20
Sesquisulphide, cases	lb.	.38 @	.42
Trichloride, cylinders	lb.	.16 @	.20
Phthalic anhydride, car lots, drums, works, freight allowed East of Mississippi River	lb.	.14½@	—
less car lots, drums	lb.	.15½@	—
Pichi leaves, bags	lb.	.08 @	.10
Pilocarpine hydrochloride, bottles, vials	oz.	2.50 @	2.70
Nitrate, bottles, vials	oz.	2.40 @	2.60
Pimento, bags	lb.	.14½ @	.15
Pinkroot, bales	lb.	.34 @	.36
Pitch, burgundy (see B). Coaltar, 160 deg. m.p., f.o.b. sellers' works, car lots, barrels	ton.	19.00 @	—
less car lots, bbls	ton.	22.00 @	—
Hardwood, car lots, one-time container, delivered, Akron	ton.	20.00 @	21.00
f.o.b. works	ton.	15.00 @	—
Linseed, drums	lb.	.04½@	.06
Petroleum (see Asphaltum, Mexican, Texas)			
Pine, barrels	lb.	4.00 @	4.50
Stearin, drums	lb.	.03 @	.04½
Plaster of paris (see Gypsum).			
Pleurisy root, bales	lb.	.12 @	.13
Podophyllin, U.S.P., tins	lb.	2.00 @	2.25
Poke root, bales	lb.	.06½@	.07
Pomegranate bark, bags	lb.	.18 @	.19
Root bark, bags	lb.	.40 @	.41
Poppy flowers, red, bales	lb.	.35 @	.40
Seed, Dutch, bags	lb.	.07 @	.07½
Hungarian, bags	lb.	.07 @	.07½
Polish, bags	lb.	.06½@	.06½
Potash, acetate, U.S.P., barrels, kegs	lb.	.32 @	.33
50 p.c. solution, barrels	lb.	.06½@	.08
Bicarbonate, U.S.P., crystals, barrels	lb.	.09 @	.12
granular, barrels	lb.	.10 @	.12
Bichromate, barrels	lb.	.06½@	.09
Binoxalate, drums	lb.	.22 @	—
Bisulphate, kegs	lb.	.15½@	.18
Bromide, barrels	lb.	.35 @	.36
Carbonate, 96-100 p.c., calcined, imported, casks, lb.		.06½@	.09
96-98 p.c., calcined, Boston-Balto arrival, car lot, casks	lb.	.06¾@	—
5 casks or more	lb.	.07¼@	—
less than 5 casks	lb.	.07¼@	—
Potash carbonate, 96-98 p.c. calcined, New York stocks, 5 casks or more	lb.	.07½@	—
less than 5 casks	lb.	.07¾@	—
96-98 p.c., New York arrival, 5 casks or more	lb.	.07¼@	—
less than 5 casks	lb.	.07¾@	—
80-85 p.c. calcined, casks	lb.	.07¼@	.07½
hydrated, 83-85 p.c., domestic f.o.b. works, barrels	lb.	.06 @	—
10 barrels or more	lb.	.06¼@	—
1-9 barrels	lb.	.06¾@	—
imported, f.o.b. Balto, casks	lb.	.09 @	.09¾
liquid, delv'd, drums	lb.	.03½@	.03¾
U.S.P., granular, barrels	lb.	.16 @	—
powdered, barrels	lb.	.19 @	—
Caustic, solid, 88-92%, domestic, car lots, works, drums	lb.	.06¼@	—
less car lots, drums	lb.	.06½@	.06¾
imported, casks	lb.	.06¼@	.06¾
flake, 88-92 p.c., domestic, works, car lots, drums	lb.	.07 @	—
less car lots, drums	lb.	.07½@	.07¾
imported, drums	lb.	.07 @	.07¾
liquid, tanks, 45 p.c., basis	lb.	.02¾@	—
drums	lb.	.03½@	.03¼
Chlorate, crystals, kegs	lb.	.09¼@	.09¾
granular, kegs	lb.	.12 @	.13
powdered, kegs	lb.	.08 @	.03½
Chloride, technical, 95 p.c., crystals, barrels	lb.	.04 @	.04½
Chromate, kegs	lb.	.23 @	.26
Citrate, barrels, kegs	lb.	.38 @	.43
Cyanide, cases, drums	lb.	.55 @	.60
Glycerophosphate, solution, 75 p.c. 100-pound lots, cans	lb.	1.25 @	1.30
Guaiacolsulphonate, cans	lb.	1.65 @	1.70
Hydroxide, U.S.P., stick, cans, lb.		.26 @	.27
Hypophosphite, cans	lb.	.72 @	.77
Iodate, barrels	lb.	3.20 @	3.35
Iodide, barrels, fiber drums	lb.	1.25 @	—
Kainit, high-grade, 20 percent K_2O shipment, bulk, unit-ton.		.55 @	—
Manure salt, domestic, 27-31% c.i.f. ports, bulk	unit.	.48 @	—
run of mine approximately 30 p.c. K_2O, c.i.f. ports, bulk	unit.	.48 @	—
imported, 30 percent K_2O, shipment, c.i.f. ports, bulk, unit-ton.		.48 @	—
Potash, metabisulphite, kegs	lb.	.13½@	—
Muriate, domestic, all strengths, minimum 50 p.c. K_2O, c.i.f. ports, bulk	unit.	.45 @	—
imported, all strengths, subs. 80 percent KCl, basis 50 percent K_2O, shipment, c.i.f. ports, bulk	unit-ton.	.45 @	—
Bagged material $2 per net ton additional.			
Nitrate, crude, 95 p.c., for fertilizer use, c.i.f. ports	ton.	45.00 @	46.50
Oxalate, pure, crystals, kegs	lb.	.20 @	.21
technical, barrels	lb.	.25 @	.30
Perchlorate, works, kegs	lb.	.09 @	.
Permanganate, tech., drums	lb.	.18½@	.19
U.S.P., drums	lb.	.19½@	
Prussiate, red, barrels	lb.	.25 @	.27
yellow, barrels	lb.	.18 @	.19

Potash, Sulphate—Soda Caustic

Potash, Sulphate, N. F., barrels, lb. .13 @ .14
technical, 90-95 p.c., min. 90 p.c., shipment, c.i.f. ports, bags.....ton.33.75 @ —
Vegetable, f.o.b. Baltimore, bulk..ton.19.07 Nom.
Xanthate, car lots, drums..lb. .13 @ —
less car lots, drums.....lb. .13½@ —
Potash-magnesia sulphate, 48-53 p.c., min., 48 p.c. shipment, bags ton.22.25 @ —
Potash-titanium oxalate, kegs.lb. .33 @ .35
Prickly ash bark, bales.....lb. .13 @ .14
Berries, bales.....lb. .15 @ .16
Prince's pine herb, bales.....lb. .18 @ .19
Propane, group 3, tankcar..gal. .01½@ .04¼
100-lb cylinders.....gal. .40 @ —
Psyllium seed (see Fleaseed).
Pulsatilla, bales.....lb. .15 @ .16
Pumice stone, Italian, American, ground, 3-barrel lots, f.o.b. works, 4F, 3F, 2F, 1½F, and coarser .....lb. .03 @ —
F and 1.....lb. .03½@ —
0, 0-½, 0-¾, and ¾-.....lb. .04 @ —
less than 3-barrel lots, add ½c. per pound.
Italian ground, car lots, shipment, ex dock N. Y., bags..ton.33.00 @ —
5-29 tons, ex warehouse, bags..ton.33.00 @ —
1,000-10,000 pounds, ex warehouse, bags.....ton.39.00 @ —
2 bags to 1,000 pounds, ex warehouse, bags.....ton.41.00 @ —
single bags, ex warehouse, ton.46.00 @ —
Pumpkin seed, bags.....lb. .09¼@ .13
Purple lake (see Red).
Putty, commercial, drums.100 lbs. 2.75 @ —
linseed oil, raw, drums.100 lbs. 4.50 @ —
refined, drums.....100 lbs. 5.00 @ —
standard, drums.....100 lbs. 3.50 @ —
Pyrethrum flowers, powdered, Dalmatian, barrels, kegs.lb. .16 @ .17
Japanese, barrels, kegs....lb. .14 @ .15
Pyridin, denaturing, drums..gal. 1.30 @ —
refined, 2 deg., drums.....lb. .40 @ —
Pyrites, Spanish, c.i.f. Atlantic ports, bulk..unit-ton 12 @ 13
Pyrocatechin, C.P., crystals works, fiber drum, tins..lb. 2.15 @ 2.40
resublimed, fiber drums, tins, lb. 4.00 @ —

Q

Quassia, chips, bales.....lb. .06 @ .07
Quebracho extract, liquid, 25 p.c. tannin, f.o.b. works, tanks, lb. .02½@ —
barrels .....lb. .03½@ —
solid, 63 p.c., bags, ex dock, duty acct. of buyer, car lots .....lb. .03½@ —
clarified, 64 p.c., ex dock, duty acct. of buyer, bags, car lots.....lb. .03½@ —
Queen of the meadow, bags..lb. .06 @ .07
root, bags.....lb. .06 @ .07
Quercitron extract, liquid, 51 degrees, barrels..lb. .06 @ .09
solid, drums.....lb. .10 @ .12
Quicksilver, domestic, flasks, 76-lbs. net, delivered N. Y., per flask.78.00 @69.00
Quince seed, bags.....lb. .45 @ 1.25
Quinidine alkaloid, crystals, cans, oz. .96 @ .98
Sulphate, cans.....oz. .97 @ —
Quinine acetate, cans.....oz. .96 @ —
Alkaloid, cans.....oz. .73 @ —
Arsenate, cans.....oz. .90 @ —
Arsenite, cans.....oz. .90 @ —
Bisulphate, cans.....oz. .51 @ —
Citrate, cans.....oz. .60 @ —
Dihydrobromide, bottles.....oz. .72 @ —
Dihydrochloride, bottles....oz. .72 @ —
Ethylcarbonate, cans.....oz. .67 @ —
Ferrocyanide, cans.....oz. .60 @ —
Formate, cans.....oz. .91 @ —
Glycerophosphate, cans.....oz. 1.11 @ —
Hydrochloride, cans.....oz. .65 @ —
Hydrochlorosulphate, cans..oz. .73 @ —
Hydroiodide, cans.....oz. .90 @ —
Hypophosphite, cans.....oz. .92 @ —
Phosphate, cans.....oz. .80 @ —
Salicylate, cans.....oz. .70 @ —
Sulphate, tins.....oz. .51 @ —
Sulphocarbolate, tins.....oz. .94 @ —
Tannate, cans.....oz. .85 @ —
Tartrate, cans.....oz. .94 @ —
Valerate, cans.....oz. .90 @ —
Quinine-urea hydrochloride, cans, oz. .73 @ —

R

R salt, barrels.....lb. .52 @ .57
Rapeseed, Belgian, bags.....lb. .04½@ .05
Dutch, bags.....lb. .06 @ .06½
Japanese, bags.....lb. .03¾@ .04¼
Raspberries, dried, barrels....lb. .40 @ .45
(Red dyes are listed under Dye.)
Reds:—Prices for alizarin lake, lake C red, lithol toner, lithol-rubin toner, maroon lake, para toner, scarlet lake, scarlet ink toner, toluidin toner and American vermillion are delivered U. S. North of Tenn., and N. C. and East of Mississippi River, including river points (St. Paul, Minneapolis, Davenport, Rock Island, and St. Louis). Add ½c. for deliveries in Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., and Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, and St. Joseph; add 1c. for deliveries on Pacific Coast. Deliveries to Denver, Pueblo, Salt Lake City, and Wichita are f.o.b. Chicago; on deliveries to Texas add 1½c. except El Paso, which is 2c. additional.
Red, Alizarin lake, contract, barrels..lb. 1.10 @ —
Cadmium lithoponed, f.o.b. seller's works freight allowed, deep shade, ton lots, barrels..lb. .80 @ —
light shade, ton lots, barrels..lb. .65 @ —
light medium shade, ton lots, barrels..lb. .70 @ —
maroon shade, ton lots, barrels—lb. .80 @ —
medium shade, ton lots, barrels..lb. .75 @ —
Cadmium lithopone reds are 5c per pound higher in less than ton lots; 100-lb. kegs are 5c. additional throughout the schedule.
Red, Cadmium, selenid, f.o.b. works, car lots, barrels..lb. 2.00 @ —
less car lots, barrels..lb. 2.50 @ —
orange, f.o.b. works, car lots, barrels..lb. 1.50 @ —
less car lots, barrels..lb. 1.75 @ —
Red, Carmine No. 40, 300-lb lots, tins..lb. 4.00 @ —
100-lb. lots, tins.....lb. 4.15 @ —
11-lb. tins.....lb. 4.40 @ —
Crocus martis (see Red, purple oxide).
Rosin, kegs.....lb. .05 @ —
Indian, pure, f.o.b. New York, Bethlehem, Easton, East St. Louis, barrels.....lb. .05¾@ —
85 p.c., f.o.b. Bethlehem, Easton, East St. Louis, barrels..lb. .07½@ —
80 p.c., f.o.b. Bethlehem, Easton, East St. Louis, barrels..lb. .07 @ —
Iron oxide (see Red, oxide).
Lake red C toner, contracts, barrels..lb. 1.25 @ —
open order, barrels.....lb. 1.50 @ —
Lithol toner, contracts, barrels lb. .75 @ —
open order, barrels.....lb. .80 @ —
Lithol-rubin toner, barrels.lb. 1.65 @ —
Maroon oxide (see Red, purple oxide).
Lake, 25 p.c. (amaranth), contracts, kegs..lb. .40 @ —
Mercury oxide, technical, domestic, barrels.....lb. 1.10 @ —
Metallic, f.o.b. Pennsylvania works, barrels..lb. .02 @ —
Orange, Persian (see O).
Oxide, pure, car lots, f.o.b. seller's works, barrels.lb. .03½@ —
less car lots, f.o.b. seller's works, barrels..lb. .03½@ —
reduced, 85 p.c., copperas oxide, less car lots, f.o.b. Bethlehem, Easton, New Castle, New York, E. St. Louis, barrels..lb. .03¾@ —
80 p.c. copperas oxide, less car lots, f.o.b. Bethlehem, Easton, New Castle, New York, E. St. Louis, barrels..lb. .03 @ —
Para toner, concentrated, contracts, kegs..lb. .75 @ —
open order, kegs.....lb. .80 @ —
Persian Gulf oxide, less car lots, f.o.b. New York, Bethlehem, Easton, barrels..lb. .04½@ —
less than car lots, ex-warehouse, Chicago, St. Louis, barrels..lb. .04¾@ —
San Francisco, Los Angeles, Portland, Seattle, barrels.....lb. .04¾@ —
Purple lake, kegs.....lb. .60 @ 1.00
oxide, f.o.b. Bethlehem, Easton, E. St. Louis, barrels, lb. .03 @ —
toner, kegs.....lb. 1.50 @ 2.00
Rose pink, barrels.....lb. .15 @ .25
Lake, barrels.....lb. .20 @ .25
Scarlet lake, kegs.....lb. .35 @ .95
Ink toner, contract or open order, kegs..lb. .45 @ —
Spanish oxide, car lots, f.o.b. New York, Pennsylvania, shipping point or ex dock, New Orleans or Philadelphia, No. 1 quality, barrels..lb. .03½@ —
No. 2 quality, barrels..lb. .02½@ —
No. 3 quality, barrels..lb. .0240@ —
f.o.b. St. Louis, No. 1 quality, barrels..lb. .03½@ —
No. 2 quality, barrels..lb. .02¾@ —
No. 3 quality, barrels..lb. .0285@ —
less car lots, f.o.b. New York, New Orleans, Philadelphia, Bethlehem, Easton, No. 1 quality, barrels.....lb. .03½@ —
No. 2 quality, barrels..lb. .02¾@ —
No. 3 quality, barrels..lb. .0285@ —
ex warehouse Chicago, Pittsburgh, Cleveland, No. 1 quality, barrels, lb. .04 @ —
No. 2 quality, barrels..lb. .03½@ —
No. 3 quality, barrels..lb. .0315@ —
f.o.b. St. Louis, No. 1 quality, barrels..lb. .03¾@ —
No. 2 quality, barrels..lb. .03 @ —
No. 3 quality, barrels..lb. .0290@ —
ex dock or ex warehouse, San Francisco, Los Angeles, Portland, Seattle, No. 1 quality.lb. .04½@ —
No. 2 quality.....lb. .03¾@ —
No. 3 quality.....lb. .03½@ —
Toluidin toner, contract or open order kegs..lb. 1.35 @ —
Tuscan, f.o.b. N. Y., E. St. Louis, type 1, barrels..lb. .25½@ —
2, barrels.....lb. .20½@ —
3, barrels.....lb. .23½@ —
4, barrels.....lb. .23½@ —
5, barrels.....lb. .24 @ —
6, barrels.....lb. .24 @ —
7, barrels.....lb. .24 @ —
8, barrels.....lb. .22 @ —
9, barrels.....lb. .21½@ —
10, barrels.....lb. .18½@ —
Venetian, f.o.b. sellers' works, barrels..lb. .0190@ —
10 p.c., barrels.....lb. .0215@ —
12 p.c., barrels.....lb. .02½@ —
20 p.c., barrels.....lb. .02½@ —
25 p.c., barrels.....lb. .02¾@ —
30 p.c., barrels.....lb. .03 @ —
35 p.c., barrels.....lb. .0335@ —
40 p.c., barrels.....lb. .03¾@ —
Vermilion, American, contract or open order, bbls..lb. .15 @ —
English quicksilver, 500-lb. lots, barrels..lb. 1.50 @ —
smaller quantities.....lb. 1.60 @ 1.72
Red precipitate, 100-lb. lots, boxes, fiber, drums, kegs.....lb. 1.44 @ —
Red saunders wood, ground, barrels..lb. .12 @ .17
Resorcinol, technical, works, cans..lb. .80 @ —
contract, works, cans.....lb. .75 @ —
U.S.P., crystals, works, cans, kegs..lb. 1.50 @ 1.65
Rhatany root, bags.....lb. .09 @ .10
Rhodinol, bottles.....lb. 5.75 @ 9.00
Rhubarb, cases, barrels, kegs.lb. .32 @ .34
powdered, barrels, kegs....lb. .35 @ .37
Rochelle salt, crystals, barrels.lb. .14 @ —
powdered, barrels.....lb. .13 @ —
Rose flowers, red, bales.....lb. 1.75 @ 1.80
pale, bales.....lb. .16 @ .17
Water, triple.....demijohn. 4.75 @ 5.00
Rosemary flowers, bales.....lb. .35 @ .40
Leaves, bales.....lb. .05 @ .05½
Rosin, gum (ex dock):—
B, barrels.....280 lbs. 4.50 @ —
D, barrels.....280 lbs. 5.25 @ —
E, barrels.....280 lbs. 5.35 @ —
F, barrels.....280 lbs. 5.55 @ —
G, barrels.....280 lbs. 5.75 @ —
H, barrels.....280 lbs. 5.80 @ —
I, barrels.....280 lbs. 5.80 @ —
K, barrels.....280 lbs. 5.85 @ —
M, barrels.....280 lbs. 5.87½@ —
N, barrels.....280 lbs. 6.00 @ —
W. G., barrels.....280 lbs. 6.25 @ —
W. W., barrels.....280 lbs. 6.35 @ —
X, barrels.....280 lbs. 6.90 @ —
Rosin, wood, f.o.b. works:—
F, F, barrels.....280 lbs. 4.25 @ —
I, barrels.....280 lbs. 4.70 @ —
M, barrels.....280 lbs. 5.05 @ —
N, barrels.....280 lbs. 5.70 @ —
Rosin, wood, spot:—
F, F, barrels.....280 lbs. 5.12 @ 6.00
I, barrels.....280 lbs. 5.72 @ 6.60
M, barrels.....280 lbs. 6.07 @ 6.95
N, barrels.....280 lbs. 6.62 @ 7.50
Rottenstone, domestic, car lots, f.o.b. mines..ton.35.00 @ —
less car lots, ex warehouse, bags..ton.50.00 @ —
imported, lump, barrels....lb. .12 @ —
powdered, barrels.....lb. .08½@ .10
Rue, bales.....lb. .21 @ .23

S

Sabadilla seed, powdered, barrels, lb. .20 @ .21
Saccharin, 1,000-lb. lots, cans.lb. 1.70 @ —
smaller lots, cans.....lb. 1.75 @ 1.80
Safflower, bales.....lb. .32 @ .35
Saffron flower, Mexican, bales.lb. .30 @ .35
Spanish, tins.....lb.11.75 @12.00
Safrol, drums.....lb. .54 @ —
tins .....lb. .57 @ —
Sage leaves, Dalmatian, bales.lb. .07 @ .07½
Sago flour, bags.....lb. .02¾@ .03¾
Salicin, cans.....lb. 4.00 @ 4.25
Salol, kegs.....lb. .90 @ .95
Salt, reclaimed, car lots, deliv'd N. Y., bags.....ton.13.40 @ —
vacuum, common fine, min. car lots, 140-lb. bags, deliv'd N. Y...ton.14.53 @ —
200-lb. bags, deliv'd N. Y. ton.14.68 @ —
less car lots, deliv'd N. Y., bags..ton.17.09 @ —
Saltcake, ground, works, barrels, ton.19.00 @23.00
bulk, works.....ton.12.00 @16.00
imported, c.i.f., bulk.....ton.12.00 @13.50
chrome (see Chrome cake).
Saltpeter, pure, double refined, granular, 25 bbls. to car lot, 100 lbs. 5.90 @ —
5 to 24 barrels....100 lbs. 6.00 @ —
1 to 4 barrels....100 lbs. 6.25 @ —
powder, 25 bbls. to car lot, 100 lbs. 6.90 @ —
5 to 24 barrels....100 lbs. 7.00 @ —
1 to 4 barrels....100 lbs. 7.25 @ —
crystals, 25 bbls. to car lot, 100 lbs. 6.90 @ 7.65
5 to 24 barrels....100 lbs. 7.00 @ 7.75
1 to 4 barrels....100 lbs. 7.25 @ 8.00
Santonin, crystals, cans.....lb.34.50 @37.00
Saponin, tins.....lb. 1.45 @ 1.50
Sarsaparilla root, Mex., bls...lb. .11 @ .12
Honduras, bales.....lb. .50 @ .55
Sassafras bark, ordinary, bales, lb. .11 @ .12
select, bales.....lb. .19 @ .20
Savory, bales.....lb. .07 @ .07½
Saw palmetto berries, bags...lb. .15 @ .16
Scammony root, bags.....lb. .90 @ .97
Schaeffer's salt, bags.....lb. .48 @ .50
Seidlitz mixture, barrels.....lb. .11½@ —
kegs .....lb. .11½@ —
Senega root, bales.....lb. .33 @ .35
Senna leaves, Alexandria, bales, lb. .09 @ .15
Tinnevelly, No. 1, bales....lb. .12 @ .13
No. 2, bales.....lb. .08 @ .09
No. 3, bales.....lb. .06 @ .06½
powdered, barrels, boxes.lb. .09 @ .10
Pods, bales.....lb. .06 @ .07
Siftings, bales.....lb. .09 @ .10
Serpentaria root, bales.....lb. .43 @ .44
Shellac, bone dry, f.o.b. New York:—
10 barrels or more.....lb. .24 @ —
5 to 9 barrels.....lb. .25 @ —
1 to 4 barrels.....lb. .26 @ —
refined, barrels.....lb. .31 @ .32
Bone dry and refined shellac prices at Chicago, 1c. higher; Boston, ¼c. higher; Pacific Coast, 3c. higher; Philadelphia deliveries, f.o.b. New York.
Shellac, D.C., V.S.O., and Diamond I..lb. .26 @ .27
Superfine, 1 to 4 bags.....lb. .17 @ —
5 to 9 bags.....lb. .16½@ —
10 to 24 bags.....lb. .16 @ —
25 bags, or more.....lb. .15½@ —
Garnet, bags.....lb. .17 @ .18
T. N., 1 to 4 bags.....lb. .15½@ —
5 to 9 bags.....lb. .15 @ —
10 to 24 bags.....lb. .14½@ —
25 bags, or more.....lb. .14 @ —
T. N. and superfine prices quoted f.o.b. New York and Boston; Chicago prices 1c. higher; Pacific Coast 3c. higher; Philadelphia deliveries f.o.b. New York.
Shellac varnish, orange, 5-lb. cut, barrels..gal. 1.15 @ 1.20
4½-lb. cut, barrels...gal. 1.10 @ 1.15
4-lb. cut, barrels.....gal. 1.05 @ 1.10
white, 5-lb. cut, barrels..gal. 1.30 @ 1.35
4½-lb. cut, barrels....gal. 1.25 @ 1.30
4-lb. cut, barrels.....gal. 1.20 @ 1.25
Silica, amorphous, dry-ground, 95-97%, 325 mesh, works, car lots, bags, ton.20.00 @ —
2½ ton lots, bags..ton.21.50 @ —
smaller lots, bags..ton.23.00 @ —
400 mesh, works, car lots, bags..ton.35.00 @ —
2½-ton lots, bags..ton.36.50 @ —
smaller lots, bags..ton.38.00 @ —
Silica, amorphous, wet-ground, 95-97%, 320 mesh, works, car lots, bags.....ton.21.00 @ —
2½-ton lots, bags..ton.22.50 @ —
smaller lots, bags.ton.24.00 @ —
98-99%, 325 mesh, works, car lots, bags....ton.22.00 @ —
2½-ton lots, bags..ton.23.50 @ —
smaller lots, bags..ton.25.00 @ —
99%, 325 mesh, works, car lots, bags..ton.24.00 @ —
2½-ton lots, bags..ton.25.50 @ —
smaller lots, bags..ton.27.00 @ —
hard-quartz, 140 mesh, works, car lots, bags.....ton.14.00 @ —
less car lots, bags....ton.17.00 @ —
Silver, bullion.....oz. .44¾@ —
Government, purchase.....oz. .77⅞@ —
Nitrate, vials.....oz. .32½@ .34½
Nucleinate, 500 oz. lots, tins, oz. .35 @ .36
Proteinate, 500-oz. lots, tins.oz. .24 @ .25
Simarubra, bark, bales.....lb. .20 @ .22
Skatol, bottles.....oz. 4.00 @10.00
Skullcap, Eastern, bales.....lb. .16 @ .17
Western, bales.....lb. .14 @ .15
Skunk cabbage root, bales....lb. .11 @ .13
Slate flour, car lots, works, bags, tons. 9.00 @ —
less car lots, bags.....ton.10.00 @15.00
Sloe berries, bags.....lb. .10 @ .11
Smalt, black, extra velvet, barrels..lb. .05 @ .06
blue, barrels.....lb. .06½@ .07
Snakeroot, Canada, bales.....lb. .24 @ .26
Soapbark, bales.....lb. .07 @ .08
crushed, bales, barrels.....lb. .11 @ .12
cut, bales, barrels.....lb. .10 @ .11
powdered, barrels.....lb. .12 @ .13
Soda abietate drums.....lb. .08 @ —
Acetate, anhydrous, drums..lb. .09½@ .13
flake, 60 p.c., drums.....lb. .04½@ .05
Alginate drums.....lb. .64 @ —
Antimoniate, barrels.....lb. .12¾@ .13¼
Arsenate, drums.....lb. .09½@ .11¼
Arsenite, liquid, drums....gal. .40 @ .75
Soda ash, dense, 58 p.c., car lots, works, bulk..100 lbs. 1.10 @ —
burlap, bags....100 lbs. 1.25 @ —
barrels .....100 lbs. 1.50 @ —
less car lots, Zone 1, bags, 100 lbs. 2.13 @ —
barrels .....100 lbs. 2.37 @ —
100 lbs. 2.15 @ —
Zone 1A, bags...100 lbs. 2.18 @ —
barrels .....100 lbs. 2.42 @ —
Zone 2, bags.....100 lbs. 2.23 @ —
barrels .....100 lbs. 2.53 @ —
Zone 3, bags.....100 lbs. 2.58 @ —
barrels .....100 lbs. 2.77 @ —
Zone 4, bags.....100 lbs. 2.93 @ —
barrels .....100 lbs. 3.17 @ —
Zone 5, bags.....100 lbs. 3.20 @ —
barrels .....100 lbs. 3.47 @ —
extra light, 58 p.c. car lots works, bulk..100 lbs. 1.05 @ —
burlap bags....100 lbs. 1.25 @ —
barrels .....100 lbs. 1.50 @ —
Soda ash, extra light, less car lots, Zone 1, bags, 100 lbs. 2.08 @ —
barrels .....100 lbs. 2.47 @ —
Zone 1A, bags...100 lbs. 2.13 @ —
barrels .....100 lbs. 2.52 @ —
Zone 2, bags.....100 lbs. 2.23 @ —
barrels .....100 lbs. 2.62 @ —
Soda ash, extra light, l.c.l., Zone 3, bags.....100 lbs. 2.48 @ —
barrels .....100 lbs. 2.87 @ —
Zone 4, bags.....100 lbs. 3.33 @ —
barrels .....100 lbs. 3.27 @ —
Zone 5, bags.....100 lbs. 3.30 @ —
barrels .....100 lbs. 3.57 @ —
Soda ash, light, 58 p.c., car lots, works, bulk..100 lbs. 1.05 @ —
paper bags....100 lbs. 1.20 @ —
burlap bags....100 lbs. 1.23 @ —
barrels .....100 lbs. 1.50 @ —
less car lots, Zone 1, bags, 100 lbs. 2.08 @ —
barrels .....100 lbs. 2.37 @ —
Zone 1A, bags...100 lbs. 2.13 @ —
barrels .....100 lbs. 2.43 @ —
Zone 2, bags.....100 lbs. 2.23 @ —
barrels .....100 lbs. 2.53 @ —
Zone 3, bags.....100 lbs. 2.48 @ —
barrels .....100 lbs. 2.77 @ —
Zone 4, bags.....100 lbs. 2.88 @ —
barrels .....100 lbs. 3.17 @ —
Zone 5, bags.....100 lbs. 3.20 @ —
barrels .....100 lbs. 3.47 @ —

Prices for deliveries of 5 or more packages of either product (not combined), within usual trucking distance of warehouse, or are f.o.b. cars, warehouse point for out-of-town shipments. For less than 5 packages, add 15c. per 100 pounds to above prices. For ex warehouse, according to quantity, deduct 10c. per 100 pounds from above prices.

Zone 1 includes East of Mississippi River, but including St. Louis, to southern boundary of Virginia and Kentucky, including Davenport, Iowa; Zone 1A, New England States; in Maine, New Hampshire and Vermont special local zone prices apply for shipments to various counties; Zone 2, Tenn., S. C., N. C., Ga., Fla., Ala., Miss., Iowa, except Davenport, Minn., Mo., except St. Louis, eastern Kan., including Wichita, and Omaha, Neb.; Zone 3, N. and S. Dak., Neb., except Omaha, Okla., Ark., Kan. west of Wichita, La., Tex., except El Paso; Zone 4, Mont., Col., New Mex., Idaho, Wyo., Utah, Nev., Ariz., El Paso, Tex., and Spokane, Wash.; Zone 5, Calif., Ore., Wash., except Spokane.

Soda, benzoate, U.S.P., kegs.lb. .46 @ .47
Bicarbonate, granular, car lots, works, barrels..100 lbs. 2.35 @ —
powdered, car lots, works, barrels..100 lbs. 1.85 @ —
kegs..100 lbs. 2.10 @ —
less car lots, N. Y., barrels..100 lbs. 2.54 @ —
kegs .....100 lbs. 2.70 @ —
Soda, bichromate, casks.....lb. .06½@ .07
Bifluoride, barrels.....lb. .11¼@ .12
Bisulphate (see Niter cake).
Bisulphite, powdered, works, barrels..100 lbs. 2.35 @ 2.55
less car lots, works, barrels..100 lbs. 2.50 @ 2.60
solution, 38-40 p.c., works, car lots, carboys....100 lbs. 1.95 @ 2.10
Soda, bromide, barrels.....lb. .55 @ .60
Cacodylate, jars.....lb. 4.50 @ 6.75
Carbonate (see Soda ash, Soda monohydrated, soda sal).
Caustic, 76 p.c. flake, ground or powdered, ammonia process, car lots, works, drums, 100 lbs. 3.00 @ —
barrels .....100 lbs. 3.25 @ —
electrolytic, car lots, works, drums..100 lbs. 2.95 @ —
Soda, caustic, either process, less car lots, Zone 1, drums, 100 lbs. 4.00 @ —
Zone 1A, drums.100 lbs. 4.05 @ —
Zone 2, drums...100 lbs. 4.15 @ —
Zone 3, drums...100 lbs. 4.40 @ —
Zone 4, drums...100 lbs. 4.60 @ —
Zone 5, drums...100 lbs. 4.65 @ —
Soda caustic, 76 p.c. solid, ammonia process, car lots, works, drums..100 lbs. 2.60 @ —
electrolytic, car lots, works, drums..100 lbs. 2.55 @ —
either process, less car lots, Zone 1, drums, 100 lbs. 3.60 @ —
Zone 1A, drums.100 lbs. 3.65 @ —
Zone 2, drums...100 lbs. 3.75 @ —
Zone 3, drums...100 lbs. 4.00 @ —
Zone 4, drums...100 lbs. 4.40 @ —
Zone 5, drums...100 lbs. 4.65 @ —

Prices for deliveries of 5 or more packages of either product (not combined), within usual trucking distance of warehouse, or are f.o.b. cars, warehouse point for out-of-town shipments. For less than 5 packages, add 15c. per 100 pounds to above prices. For ex warehouse, according to quantity, deduct 10c. per 100 pounds from above prices.

Zone 1 for soda caustic prices includes E. of Miss. River, but including St. Louis, to southern boundary of Va. and Ky., including Davenport, Iowa. Zone 1a, New England States, i.e. Maine, New Hampshire and Vermont special local zone prices apply for shipments to various counties; Zone 2, Tenn., S. C., N. C., Ga., Fla., Ala., Miss., Iowa, except Davenport, Minn., Mo., except St. Louis, eastern Kan., including Wichita, and Omaha, Neb.; Zone 3, N. and S. Dak., Neb., except Omaha, Okla., Ark., Kan., west of Wichita, La., Tex., except El Paso; Zone 4, Mont., Col., New Mex., Idaho, Wyo., Utah, Nev., Ariz., El Paso, Tex., and Spokane, Wash.; Zone 5, Calif., Ore., Wash., except Spokane.

Soda caustic, liquid, 47-49 p.c., works, sellers' tanks	100 lbs.	2.25 @	—
buyers' tanks	100 lbs.	2.22½@	—
70 p.c., works, sellers' tanks	100 lbs.	2.30 @	—
buyers' tanks	100 lbs.	2.27½@	—
Chlorate, dom., works, bags	lb.	.06¼@	.09
Citrate, granular, U.S.P. VIII, barrels, cans, kegs	lb.	.24 @	.29
U.S.P. X, barrels, cans, kegs	lb.	.30½@	.35½
Cyanide, 96 to 98 p.c., dom., drums	lb.	.15½@	.17½
imported, cases	lb.	.16½@	.17
Fluoride, white, 90 p.c., f.o.b. Phil., car lots, barrels	lb.	.07½@	—
10 barrels or over	lb.	.07¾@	—
5 to 9 barrels	lb.	.08 @	—
1 to 4 barrels	lb.	.08¼@	—
96 p.c., car lots	lb.	.07½@	—
10 barrels or over	lb.	.08 @	—
5 to 9 barrels	lb.	.08¼@	—
1 to 4 barrels	lb.	.08¾@	—
Los Angeles soda fluoride prices are f.a.s. Philadelphia.			
Glycerophosphate, crystals, 100-lb. lots, bbls., cans	lb.	1.15 @	—
solution, 75 p.c., cans	lb.	.90 @	—
50 p.c., cans	lb.	.55 @	—
	lb. lots, cans	.23 @	.24
Soda hydrosulphite, barrels	lb.	.18 @	.19
Hydroxide, U.S.P., sticks, 100-lb. lots, bbls., cans	lb.	.07 @	.72
Hyposophosphite, cans	lb.	.67 @	.69
Hyposulphite, crystals, large, barrels	100 lbs.	2.40 @	2.65
pea, barrels	100 lbs.	2.50 @	3.05
granular, barrels	100 lbs.	2.75 @	3.30
Iodate, jars	lb.	5.02 @	5.07
Iodide, jars	lb.	2.00 @	2.05
Metanilate, kegs	lb.	.41 @	.42
Metasilicate, crystals, car lots, works, barrels	100 lbs.	2.90 @	—
less car lots, delivered, barrels	100 lbs.	3.80 @	3.95
granular, car lots, works, bbls.	100 lbs.	2.30 @	—
less car lots, delivered, barrels	100 lbs.	2.75 @	3.00
Molybdate, tech., kegs	lb.	.65 @	.70
anhydrous, kegs	lb.	.75 @	.80
Monohydrated, barrels	100 lbs.	2.60 @	—
works, barrels	100 lbs.	2.80 @	—
Naphthenate, barrels	lb.	.09 @	—
Naphthionate, barrels	lb.	.82 @	.84
Nitrate, Mar./June delivery to mfrs. and industrial buyers, ex vessel, ports, 100-lb. bags	ton.	26.50 @	—
200 lbs., bags	ton.	25.80 @	—
bulk	ton.	24.50 @	—
refined, granular, barrels	100 lbs.	2.25 @	—
powdered, barrels	lb.	.05¾@	—
Soda, nitrate, 96-98%, domestic, car lots, barrels	lb.	.0710@	.0730
less car lots, barrels	lb.	.0650@	.1178
Oxalate, neutral, bbls, kegs	lb.	.09 @	.11
Perborate, N.F., barrels	lb.	.17 @	.18
Phosphate, mono, anhydrous, car lots, bbls.	100 lbs.	7.51 @	—
less car lots, bbls.	100 lbs.	8.35 @	—
dibasic, technical, f.o.b. Eastern work, car lots, bags	100 lbs.	1.90 @	—
barrels	100 lbs.	2.10 @	—
less car lots, bags	100 lbs.	2.15 @	—
barrels	100 lbs.	2.35 @	—
Soda, phosphate, tribasic, car lots, freight prepaid, east., bgs.	100 lbs.	2.00 @	—
barrels	100 lbs.	2.20 @	—
kegs	100 lbs.	2.70 @	—
3,500 lbs. or over, bags,	100 lbs.	2.40 @	—
barrels	100 lbs.	2.60 @	—
kegs	100 lbs.	3.10 @	—
less than 3,500 lbs. bags,	100 lbs.	2.80 @	—
barrels	100 lbs.	3.00 @	—
kegs	100 lbs.	3.50 @	—
Picramate, kegs	lb.	.67 @	.69
Soda, prussiate, yellow, domestic, works, contracts, bbls.	lb.	.11¾@	—
prompt shipment	lb.	.13 @	.15
foreign, contracts, casks	lb.	.11¾@	—
prompt shipment, casks	lb.	.13 @	—
Pyrophosphate, crystals, bbls.	lb.	.09½@	—
anhydrous, bbls.	lb.	.10 @	—
Sal, N. Y. deliv'd, bags	100 lbs.	1.30 @	—
barrels	100 lbs.	1.30 @	—
works, bags	100 lbs.	1.00 @	—
barrels	100 lbs.	1.10 @	—
Soda, salicylate, boxes	lb.	.47 @	—
Silicate, 40 deg., turbid, f.o.b. sellers' works, car lot, drums	100 lbs.	.80 @	—
5 or more drums	100 lbs.	1.05 @	—
1 to 4 drums	100 lbs.	1.20 @	—
52 deg. f.o.b. sellers' works, car lot, drums	100 lbs.	1.85 @	—
5 or more drums	100 lbs.	1.60 @	—
1 to 4 drums	100 lbs.	1.75 @	—
Silicofluoride, barrels	lb.	.06¼@	.06¾
imported, barrels	lb.	.05¼@	.05¾
Stannate, drums	lb.	.22 @	.25
Soda, stearate, lumps, works, barrels	lb.	.20 @	—
powder, works, barrels	lb.	.23 @	—
Sulphate, anhydrous, domestic, five tons up to and including car lots, bags	100 lbs.	1.15 @	—
barrels	100 lbs.	1.30 @	—
less five tons, bags,	100 lbs.	1.40 @	—
barrels	100 lbs.	1.55 @	—

Prices for anhydrous soda sulphate apply delivered in New York, Phila. and Boston metropolitan areas. For all other points prices apply f.o.b. New York City, Jersey City, Phila., Boston, Norfolk, Va., or freight equalized therewith.

Soda, sulphate, crystal (see Glauber's salt).			
Soda sulphide, crystals, car lots, works	100 lbs.	2.25 @	—
less car lots, bbls, delivered,	100 lbs.	2.75 @	—
less than 5 tons	100 lbs.	3.00 @	—
solid, car lots, works, bbls.,	100 lbs.	3.00 @	—
5 tons or over, deliv'd	100 lbs.	3.50 @	—
less than 5 tons	100 lbs.	3.75 @	—
flake, chips, broken, works, car lots, bbls.	100 lbs.	3.50 @	—
5 tons or over, deliv'd	100 lbs.	4.00 @	—
less than 5 tons	100 lbs.	4.25 @	—
Soda sulphite, crystals, bags	100 lbs.	2.10 @	2.35
barrels	100 lbs.	2.30 @	2.55
powdered, car lots, barrels,	100 lbs.	5.25 @	—
5 barrels and over,	100 lbs.	5.50 @	—
1 to 4 barrels	100 lbs.	6.00 @	—
Soda sulphocarbolate, cases	lb.	.27 @	.30
Sulphocyanide, drums, tins	lb.	.28 @	.31
Sulphoricinoleate	lb.	.12 @	—
Tungstate, tech., kegs	lb.	.85 @	.90
chemically pure, kegs	lb.	1.80 @	1....
Solvent naphtha, water white, f.o.b. sellers' works, drums	gal.	.35 @	—
tanks, freight allowed, east of Omaha, Neb.	gal.	.30 @	—
Solvent naphtha west prices are f.o.b. sellers' works			
Solvent naphtha, high flash, works, freight equalized with competitive point, drums	gal.	.26 @	—
tanks	gal.	.21 @	—
Sorbitol, com'l syrup, dms., works, sorbitol content	lb.	.25 @	—
Sparteine sulphate, cans	oz.	1.10 @	1.16
Spearmint leaves, bales	lb.	.26 @	.28
Spikenard root, bales	lb.	.08 @	.09
Spruce extract, works, tanks	lb.	.01 @	—
barrels	lb.	.01½@	—
super, works, tanks	lb.	.01¾@	—
barrels	lb.	.01¾@	—
Spruce extract, powdered, bags,	lb.	.04 @	—
Squaw vine leaves, bales	lb.	11 @	.13
Squill, red, bales	lb.	.14 @	.15
white, bales	lb.	.06 @	.06½
powdered, barrels, boxes	lb.	.15 @	.16
St. John's bread, bales	lb.	.06	Nom.
St. Ignatius beans, bags	lb.	.45 @	.50
Starch, corn, pearl, bags	100 lbs.	3.09 @	3.29
powdered, bags	100 lbs.	3.19 @	3.39
potato, domestic, bags	lb.	.04½@	.05½
imported, bags	lb.	.05¾@	.06
rice, barrels	lb.	.07¾	Nom.
wheat, bags	lb.	.03½@	.05¾
Starch, iodide, bottles	lb.	1.87 @	1.92
Staves acre seed, bags	lb.	.40 @	.42
Stearin, oleo, barrels	lb.	.08¼@	.08½
Stillingia root, bales	lb.	.07 @	.08
Stonesroot, bales	lb.	.06½@	.07
Storax, cases	lb.	.25 @	.26
Stramonium leaves, bales	lb.	.08 @	.09
Seed, bags	lb.	.09 @	.10
Strontium bromide, barrels	lb.	.50 @	.51
Carbonate, pure, barrels	lb.	.30 @	.31
Iodide, jars	lb.	2.80 @	2.85
Nitrate, domestic, works, bbls.	lb.	.08¾@	.09¾
imported, casks	lb.	.09¼@	.10½
Strophanthus seed, Kombe, bags,	lb.	1.50 @	1.75
Strychnine acetate, cans	oz.	.76 @	—
Alkaloid, crystals, cans	oz.	.63 @	.67
powdered, cans	oz.	.53 @	.57
Arsenate, cans	oz.	.70 @	—
Arsenite, cans	oz.	.76 @	—
Glycerophosphate, cans	oz.	.76 @	—
Hydrochloride, cans	oz.	.76 @	—
Hypophosphite, cans	oz.	.85 @	—
Nitrate, cans	oz.	.71 @	—
Phosphate, crystals, cans	oz.	.76 @	—
Sulphate, crystals, cans	oz.	.54 @	.55
powdered, cans	oz.	.44 @	.45
Sucrose octa-acetate, denat. grade, barrels, l.c.l., works,	lb.	.45 @	—
tech., barrels, l.c.l., works,	lb.	.40 @	—
Sugar of milk, car lots, barrels	lb.	.13 @	—
less car lots, 10 barrels or more	lb.	.15 @	—
less than 10 barrels	lb.	.16 @	.17
Sugar coloring, barrels	gal.	.60 @	.65
Sulphonmethane, kegs	lb.	5.25 @	5.30
Sulphonethylmethane, kegs	lb.	6.75 @	6.80
Sulphur, crude, mines, 1,000-ton contracts, bulk, long ton		18.00 @	—
less than 1,000 tons, bulk, long ton		20.00 @	—
spot, nearby, car lots, long ton		21.00 @	—
ex vessel New York, Philadelphia, Baltimore, Southern ports, bulk, long ton		22.00 @	23.04
Boston, Portland, bulk, long ton		22.50 @	25.50
Sulphur flour, commercial, bags,	100 lbs.	1.80 @	2.25
barrels	100 lbs.	1.95 @	2.70
refined, extra fine, barrels,	100 lbs.	2.20 @	2.95
heavy, bags	100 lbs.	2.55 @	2.80
barrels	100 lbs.	2.90 @	2.65
light, bags	100 lbs.	2.65 @	2.40
barrels	100 lbs.	3.00 @	2.75
Sulphur, flowers, bags	100 lbs.	3.00 @	2.75
barrels	100 lbs.	3.25 @	4.10
broken, bags	100 lbs.	2.15 @	2.90
barrels	100 lbs.	2.20 @	3.05
roll, bags	100 lbs.	2.25 @	3.10
barrels	100 lbs.	2.50 @	2.25
Sulphur chloride, works, drums,	lb.	.06¼@	.04
tanks	lb.	.03 @	.04
Dioxide, liquid, commercial, works, cylinders	lb.	.06¼@	.08¾
multiple unit cars	lb.	.05¼@	.06
tanks	lb.	.04½@	.04¾
refrigeration, works, cylinders	lb.	.10 @	.12
multiple unit cars	lb.	.07 @	.09¼
Iodide, bottles, jars	lb.	2.80 @	2.85
Sumac, Sicilian, ground, bags,	ton.	54.00 @	61.00
leaf, bales	ton.	63.00 @	—
Extract, 42 deg., barrels	lb.	.04½@	.06¼
51 deg., barrels	lb.	.05½@	.05¾
Sicilian, stainless, barrels	lb.	.06½@	.09¼
Sunflower seed, Calif., large, bags	lb.	.07 @	.07½
medium, bags	lb.	.06½@	.07
poultry, bags	lb.	.05 @	.05½
Superphosphate, guaranteed, 16 p.c., f.o.b. cars or boat, Baltimore, bulk	ton.	8.25	Nom.
run-of-pile, basis 16 p.c., f.o.b. cars or boat, Baltimore, bulk	ton.	7.75	Nom.
triple, 44-45 p.c. a.p.a., f.o.b. Baltimore, bulk	unit.	.75 @	—

T

Talc, domestic, Californian, grade No. 1, f.o.b. mills, car lots, bags	ton.	20.00 @	—
grade No. 2, f.o.b. mills, car lots, bags	ton.	17.00 @	—
New York, fibrous Type 1, 96-98% through 325 mesh, car lots, f.o.b. sellers' works, bags	ton.	14.00 @	—
less car lots, f.o.b. works, bags	ton.	16.00 @	—
Talc, dom., New York, fibrous, Type 2, 98-99½ through 150 mesh, car lots, f.o.b. sellers' works, bags	ton.	18.00 @	—
less car lots, f.o.b. works, bags	ton.	15.00 @	—
coarse, off-color, car lots, f.o.b. sellers' works, bags	ton.	10.00 @	—
Ohio, alumina-magnesia, ground, f.o.b. works, car lots, bags	ton.	21.00 @	—
less car lots, bags	ton.	24.50 @	—
Vermont, f.o.b. mills, car lots, bags	ton.	14.00 @	—
ex-warehouse, New York, l.c.l. bags	ton.	25.00 @	—
imported, Canadian, car lots, delivered, bags	ton.	23.00 @	—
less car lots, deliv'd, bags	ton.	28.50 @	—
French, regular, c.l., ex dock, to arrive, bags	ton.	23.00 @	25.00
l.c.l., ex warehouse, bags,	ton.	27.50 @	32.50
high-grade, bags	ton.	45.00 @	60.00
Italian, Type 1, ex dock, to arrive, bags	ton.	75.00 @	77.00
ex warehouse, bags	ton.	85.00 @	—
Type No. 2, ex dock, bags,	ton.	70.00 @	72.00
ex warehouse, bags	ton.	75.00 @	—
Tallow, animal, edible, bbls.	lb.	.07⅝	Nom.
extra, works, loose	lb.	.06 @	—
special, works, loose	lb.	.05¾@	—
sulphonated, 25 p.c. (34 p.c. fat), car lots, drums	lb.	.06 @	—
less car lots, drums	lb.	.06½@	—
50 p.c. (43 p.c. fat), car lots, drums	lb.	.06½@	—
less car lots, drums	lb.	.07 @	—
50 p.c. (43 p.c. fat), car lots, drums	lb.	.07 @	—
less car lots, drums	lb.	.07¼@	—
Tamarind, W. I., barrels	lb.	.06 @	.07
kegs	per kg.	4.00 @	5.00
Tankage, animal, domestic, New York, ground, 10-15 p.c., bulk, unit-ton.		3.10 &	.10
unground, bulk, unit-ton		2.75 &	.10
Chicago, high-grade, for feed, 11-12 p.c., bulk, unit-ton.		3.25 &	.10
fertilizer grade, 11-15 p.c., bulk, unit-ton.		2.65 &	.10
South American, Mar. shipment, c.i.f. ports, bulk, unit-ton.		3.00@3.10 &	.10
Tansy leaves, bales	lb.	.18 @	.20
Tapioca flour, bags	lb.	.03½@	.05½
Tar, pine retort, car lots, delivered eastern cities, drums	gal.	.26 @	—
delivered ports, drums,	gal.	.25 @	—
l.c.l., ports, barrels	gal.	.28 @	—
tanks, delivered eastern cities	gal.	.20 @	—
Tar acid oil, 15 p.c., drums	gal.	.23½@	.25½
25 p.c., drums	gal.	.34½@	.35½
Tartar emetic, technical, powder, 5-barrel lots,	lb.	.24½@	—
smaller lots, barrels	lb.	.25 @	—
fine granular, 5-barrel lots,	lb.	.24½@	—
small lots, barrels	lb.	.25 @	—
U.S.P., powdered, barrels	lb.	.30 @	.35½
Terebene, cans	lb.	.70 @	.75
Terpenyl acetate, cans	lb.	.85 @	1.00
Terpin hydrate, kegs	lb.	.45 @	.46
Terpineol, C.P., cans	lb.	.26 @	—
drums	lb.	.23 @	—
Alpha, denaturing grade, drums, car lots	lb.	.14¾@	—
contract	lb.	.13¾@	—
tanks	lb.	.14 @	—
contracts	lb.	.13 @	—
Terra alba (see Gypsum).			
Tetrachlorethane, works, drums,	lb.	.06 @	.06¼
Tetrachlorethylene, C.P., drums,	lb.	.25 @	.28
technical, drums	lb.	.10 @	.10¼
Tetralin, drums	lb.	.12 @	—
Theobromine, alkaloid, cans	lb.	1.85 @	1.95
Sodiosalicylate, cans	lb.	1.65 @	1.75
Thorium nitrate, works, 144-lb. cases	lb.	2.20 @	—
Thiocarbanilide, drums	lb.	.20 @	—
Thyme, French, bales	lb.	.12 @	.13
Thymol, 100-lb. lots, bottles	lb.	1.55 @	—
smaller lots, bottles	lb.	1.60 @	1.85
Iodide, 50-lb. lots, kegs	lb.	3.25 @	3.30
25-lb. lots, kegs	lb.	3.35 @	3.40
Tin, Straits	lb.	.48¾@	—
crystals, barrels	lb.	.37 @	.37½
Oxide, barrels	lb.	.51 @	.55
Tetrachloride, anhy., bbls.	lb.	.24¾@	—
Titanium dioxide, car lots (minimum 20 tons), East, freight allowed, bags	lb.	.17 @	—
barrels	lb.	.17½@	—
Pacific coast, f.o.b. terminal, bags	lb.	.17 @	—
5-ton lots (one delivery) East delivered bags	lb.	.17½@	—
barrels	lb.	.17¾@	—
Pacific coast, ex warehouse, bags	lb.	.17½@	—
1-ton lots (one delivery), East, delivered, bags	lb.	.18 @	—
barrels	lb.	.18½@	—
Pacific coast, ex warehouse, bags	lb.	.18 @	—
500 lbs. to 1 ton, East, delivered, bags	lb.	.18½@	—
barrels	lb.	.18¾@	—
Pacific coast, ex-warehouse, bags	lb.	.18½@	—
Titanium pigment, barium base, car lots (minimum 20 tons), East freight allowed, bags	lb.	.06 @	—
barrels	lb.	.06½@	—
Pacific Coast, f.o.b. terminal, bags	lb.	.06 @	—
5-ton lots (one delivery), East, delivered, bags	lb.	.06 @	—
barrels	lb.	.06½@	—
Pacific Coast, ex warehouse, bags	lb.	.06 @	—
less than 5 tons, Pacific Coast, ex warehouse, bags	lb.	.06½@	—
500 lbs. to 5 tons (one delivery), East, delivered, bags	lb.	.06½@	—
barrels	lb.	.06½@	—
Titanium pigment, calcium base, car lots (minimum 20 tons), East freight allowed, bags	lb.	.06 @	—
barrels	lb.	.06½@	—
Pacific Coast, f.o.b. terminal, bags	lb.	.06 @	—
5-ton lots (one delivery), East, delivered, bags	lb.	.06 @	—
barrels	lb.	.06½@	—
Pacific Coast, ex warehouse, bags	lb.	.06 @	—
less than 5 tons, Pacific Coast, ex warehouse, bags	lb.	.06½@	—
500 lbs. to 5 tons (one delivery), East, delivered, bags	lb.	.06½@	—
barrels	lb.	.06½@	—

Soda caustic—V.M.P. naphthas

Toluidin base, kegs	lb.	.55 @	.60
distilled, kegs	lb.	.95 @	1.00
Tolu balsam, cans	lb.	.27 @	.30
Toluidin mixed, drums	lb.	.27 @	.30
Toluol (toluene) pure, f.o.b. producers' works, drums,	gal.	.35 @	—
freight allowed East of Omaha, Neb., tanks	gal.	.30 @	—
Toluol western prices f.o.b. sellers' works.			
Tonga vine N. F., bales	lb.	.35 @	.40
Tonka beans, Angostura	casks.	2.50 @	2.60
Triacetin, drums	lb.	.36 @	—
Triamylamine, works, less car lots, drums	lb.	1.25 @	—
Trichlorethylene, East of Rockies, f.o.b. works, freight allowed, car lots, drums	lb.	.089 @	—
less car lots, drums	lb.	.094 @	—
West of Rockies, f.o.b. works, freight allowed, car lots, drums	lb.	.099 @	—
less car lots, drums	lb.	.104 @	—
Triethanolamine, works, drums,	lb.	.34 @	.39
Triresyl phosphate, C.P., drums, carloads, deliv'd.	lb.	.20½@	—
500 lbs. and over	lb.	.24½@	—
cans, less than 500 lbs.	lb.	.44½@	—
Triresyl phosphate, technical, grade 1, drums, car lots, delivered	lb.	.21 @	—
500 lbs. and over	lb.	.23 @	—
cans, less than 500 lbs.	lb.	.33 @	—
grade 2, drums, carloads, deliv'd.	lb.	.19 @	—
500 lbs. and over	lb.	.21 @	—
cans, less than 500 lbs.	lb.	.31 @	—
Triresyl phosphate, technical grade, f.o.b. Nitro, W. Va., more than 10 drums	lb.	.19 @	—
1 to 10 drums	lb.	.20 @	—
less than one drum	lb.	.26 @	—
contracts, f.o.b. Nitro, W. Va., freight allowed East of Mississippi, drums	lb.	.18 @	—
Triphenyl phosphate, drums	lb.	.27 @	.29
Triphenylguanidin, drums	lb.	.58 @	.60
Tripoli, air-floated, car lots, f.o.b. sellers' works, bags,	ton.	27.50 @	—
ton lots, f.o.b. sellers' works, bags	ton.	30.00 @	—
single bags, f.o.b. works, 200-lb. bag		4.00 @	—
less car lots, ex-warehouse, New York, bags	ton.	40.00 @	—
double ground, car lots, works, bags	ton.	18.00 @	—
ton lots, f.o.b. sellers works, bags	ton.	22.50 @	—
single bags, f.o.b. works, 200-lb. bag		5.00 @	—
once ground, car lots, works, bags	ton.	14.00 @	—
ton lots, f.o.b. sellers' works, bags	ton.	20.00 @	—
single bags, f.o.b. works, 200-lb. bag		5.00 @	—
Trisodium phosphate (see Soda phosphate tribasic).			
Tungsten, metal, powder, 98 p.c., drums	lb.	1.80 @	1.90
Tungsten oxide, kegs	lb.	1.65 @	1.75
chemically pure, kegs	lb.	2.25 @	2.75
Turmeric root, Alleppey, bags	lb.	.08 @	.09¼
Madras, bags	lb.	.06 @	.06¼
Turpentine (spirits), gums, ex dock, barrels, car lots	gal.	.50 @	—
10-barrel lots	gal.	.52 @	—
5-barrel lots	gal.	.54 @	—
Turpentine, wood, destructive-distilled, car lots, delivered eastern ports, drums	gal.	.39 @	—
less car lots, drums	gal.	.41 @	—
tanks, delivered eastern cities	gal.	.38 @	—
steamed-distilled, deliverd car lots, drums	gal.	.47 @	—
less than car lots, drums,	gal.	.50 @	—
tanks	gal.	.43 @	—

U

Unicorn root, false (see Helonias root).			
true (see Aletris root).			
Uranium oxide, kegs	lb.	1.80 @	—
Urea, domestic, 46 + p.c. N, f.o.b. Atlantic ports or Belle, W. Va., 20-ton lots, bags	ton.	95.00 @	—
10 to 19 tons, bags	ton.	100.00 @	—
1 to 9 tons, bags	ton.	110.00 @	—
100-1,900 pounds, bags	100 lbs.	6.00 @	—
Urea, imported, 46 p.c., N. f.o.b. Atlantic ports, shipment, 20-ton lots, bags	ton.	95.00 @	—
10-19 tons, bags	ton.	100.00 @	—
1-9 tons, bags	ton.	110.00 @	—
100-1,900 pounds	100 lbs.	6.00 @	—
pure cases	lb.	.14½@	.15½
Urea-ammonia liquor, 55 p.c. ammon., t/c, f.o.b. Atlantic ports	unit.	.92 @	—
Uva ursi leaves, bales	lb.	.06½@	.07

V

Valerian root, U.S.P., bales	lb.	.12½@	.13
Valonia beards, shipment, bags,	ton.	60.00 @	—
cups, shipment, bags	ton.	No prices.	
Vanilla, beans, Bourbon, tins	lb.	3.00 @	3.25
Mexican, whole, tins	lb.	3.00 @	3.50
cut, tins	lb.	2.50 @	2.75
South American, tins	lb.	2.75 @	3.00
Vanillin, domestic, ex-eugenol, 100 lbs., tins	lb.	3.75 @	—
less than 100 lbs.	lb.	3.95 @	4.25
ex-guaiacol, 100 lbs, tins,	lb.	2.65 @	—
less than 100 lbs., tins	lb.	3.75 @	4.25
Venice turpentine, true, cases	lb.	.42 @	.43
Verdigris, 5-keg lots, keg	lb.	.20 @	—
smaller lots, kegs	lb.	.21 @	—
Violet, methyl, toner (see M).			
V.M.P., naphthas, refinery, East Coast, tankcar	gal.	.10 @	—
California, 56-61 gravity, 190 i.b.p.-310 e.p., tankcars, (delivered Los Angeles),	gal.	.13½@	—
delivered San Francisco	gal.	.13 @	—
49.5 gravity, 325 i.b.p.-390 e.p., tanks, f.o.b. El Segundo (Cal.)	gal.	.12½@	—
f.o.b. Richmond (Cal.),	gal.	.14 @	—
f.o.b. Willbridge (Ore.),	gal.	.14½@	—
f.o.b. Point Wells (Wash.)	gal.	.14½@	—
Group 3, tankcars	gal.	.07½@	.07¼
Pennsylvania, tankcars	gal.	.09½@	—

V.M.P. naphthas—Alkyd resin

V.M.P. naphthas, tanxwagon:—The following prices are ex-tax except Chicago, Decatur, Des Moines, Minneapolis and St. Paul, which include 3c. tax; Milwaukee price includes 4c. tax.

Boston	gal.	.18 @	—
Chicago	gal.	.165 @	—
Decatur	gal.	.185 @	—
Des Moines	gal.	.183 @	—
Milwaukee	gal.	.198 @	—
Minneapolis	gal.	.189 @	—
Newark	gal.	.12½@	—
New York	gal.	.12½@	—
Omaha	gal.	.194 @	.204
Philadelphia	gal.	.18 @	
St. Louis	gal.	.152 @	—
St. Paul	gal.	.189 @	—

W

Wahoo bark, root, bales	lb.	.46 @	.50
tree bark, bales	lb.	.19 @	.20
Wattle bark, shipment, bags	ton.	27.50 @	29.75
Extract, 60 deg., barrels	lb.	.03½@	—
Wax:—Consumer prices are f.o.b. New York.			
Bayberry, imported, bags	lb.	.17½@	.20
Wax, bees, white, bleached, pure, 500-lb. lots slabs, cases	lb.	.34 @	.36
yellow, crude:—			
African, 10-bag lots, bags,	lb.	.25 @	.26
1-bag lots, bags	lb.	.25½@	.26½
Brazilian, 5 to 10-ton lots, bags	lb.	.26 @	.26½
2,000-lb. lots, bags	lb.	.26½@	.27
500-lb. lots, bags	lb.	.27 @	.27½
100-lb. lots, bags	lb.	.27½@	.28
Wax, bees, yellow, Chilean, 5 to 10-ton lots, bags	lb.	.26 @	.26½
2,000-lb. lots, bags	lb.	.26½@	.27
500-lb. lots, bags	lb.	.27 @	.27½
100-lb. lots, bags	lb.	.27½@	.28
refined, 500-lb. lots, slabs, cases	lb.	.28 @	.30
Wax, candelilla, 1-ton lots, bags,	lb.	.16 @	.16½
jobbing lots, bags	lb.	.16½@	.17
Carnauba, No. 1, yellow, 1-ton lots, bags	lb.	.45 @	.45¼
5-bag lots, bags	lb.	.45½@	.46
1-bag lots, bags	lb.	.46 @	.46½
No. 2 yellow, bags	lb.	.44 @	.45
No. 2 North Country, bags,	lb.	.40½@	.41
No. 3, chalky, 1-ton lots, bags	lb.	.33 @	.36
5-bag lots, bags	lb.	.35½@	.36½
1-bag lots, bags	lb.	.36 @	.37
No. 3 North Country, 1-ton lots, bags	lb.	.35 @	.36
5-bag lots, bags	lb.	.35½@	.36½
1-bag lots, bags	lb.	.36 @	.37
refined, bags	lb.	.39½@	.41
Wax, ceresin, imported, pure, snow-white, 176 deg. m.p., 2,000-lb. lots, bags	lb.	.43 @	—
1,000-lb. lots, bags	lb.	.44 @	—
500-lb. lots, bags	lb.	.45 @	—
156 deg., m.p., 2,000-lb. lots	lb.	.44 @	—
1,000-lb. lots	lb.	.45 @	—
500-lb. lots	lb.	.46 @	—
Wax, ceresin, imported, yellow, natural, 176 deg., m.p., 2,000-lb. lots, bags	lb.	.36 @	—
1,000-lb. lots, bags	lb.	.37 @	—
500-lb. lots, bags	lb.	.38 @	—
domestic, 138-140 deg. m.p., 2,000 lb. lots, bags	lb.	.08 @	—
jobbing lots, bags	lb.	.09 @	—
150-160 deg. m.p., 2,000-lb. lots, bags	lb.	.09 @	—
jobbing lots, bags	lb.	.10 @	—
160 deg., m.p., 2,000-lb. lots, bags	lb.	.10 @	—
jobbing lots, bags	lb.	.11 @	—
Wax, Japan, cases	lb.	.08 @	.08¼
Montan, crude, gross for net, cash net 10 days, no discount, car lots, bags	lb.	.10¾@	.11¼
5-ton lots, bags	lb.	.11 @	.11½
less than ton lots, bags	lb.	.11¼@	.11¾
Ozokerite, hard green, congealing point, 66-68 deg. C., bags	lb.	.32	Nom.
congealing point, 70-72 deg. C., bags	lb.	.35	Nom.
congealing point, 74-76 deg. C., bags	lb.	.38	Nom.
Paraffin (see P).			
Spermacetti blocks, cases	lb.	.22 @	.24
cakes, cases	lb.	.23 @	.25
White lead (see Lead, white).			
White pine bark, rossed, bales	lb.	.05½@	.06
White precipitate, boxes, fibre drums, barrels	lb.	1.46 @	—
Whiting, chalk, commercial, dry-ground, car lots, f.o.b. works, paper bags	ton.	11.20	@13.50
burlap bags	ton.	12.00	@ —
barrels	ton.	15.00	@16.50
less car lots, f.o.b. works, paper bags	ton.	12.20	@14.50
burlap bags	ton.	14.00	@ —
barrels	ton.	17.00	@ —
wet-ground, car lots, f.o.b. works, bags, ton		14.50	@15.00
barrels	ton.	17.00	@18.00
less car lots, f.o.b. works, bags	ton.	15.00	@19.00
barrels	ton.	18.50	@20.00
English cliffstone (see whiting chalk, paris white).			
wet-ground, gilders, bolted, car lots, f.o.b. works, paper bags	ton.	14.60	@15.50
burlap bags	ton.	15.00	@ —
barrels	ton.	18.00	@19.50
less car lots, f.o.b. works paper bags	ton.	15.00	@16.50
burlap bags	ton.	16.00	@ —
barrels	ton.	19.00	@20.00
extra bolted, car lots, f.o.b. works, paper bags	ton.	14.60	@17.50
burlap bags	ton.	15.00	@ —
barrels	ton.	18.00	@22.50
less car lots, f.o.b. works, paper bags	ton.	15.00	@18.50
burlap bags	ton.	16.00	@ —
barrels	ton.	19.00	@23.00
Paris white, car lots, f.o.b. works, paper bags	ton.	14.60	@20.00
burlap bags	ton.	15.00	@ —
barrels	ton.	18.00	@24.00
less car lots, f.o.b. works, paper bags	ton.	15.00	@21.50
burlap bags	ton.	16.00	@ —
barrels	ton.	19.00	@25.00
Whiting, limestone, dry-ground, air-floated, 99.75%, 200 mesh, car lots, f.o.b. works, freight allowed up to $2 per ton, bags chargeable extra	ton.	10.00	@ —
99.75%, 200 mesh, car lots, f.o.b. works, freight allowed up to $2 per ton, bags chargeable extra	ton.	9.00	@ —
95-98%, 200 mesh, car lots, f.o.b. works, freight allowed up to $2 per ton, bags chargeable extra	ton.	7.50	@ —
Whiting, limestone, dry-gr., 95-98%, 200 mesh, car lots, f.o.b. works, freight allowed up to $2 per ton, bags chargeable extra	ton.	6.50	@ —
wet-ground, water-floated, commercial car lots, f.o.b. works, bags chargeable extra	ton.	11.50	@ —
5-20 tons, f.o.b. works, bags chargeable extra	ton.	12.50	@ —
4-8 ton, f.o.b. works, bags chargeable extra	ton.	13.50	@ —
2-4 tons, f.o.b. works, bags chargeable extra	ton.	14.50	@ —
gilders, car lots, f.o.b. works, bags chargeable extra	ton.	11.50	@ —
5-20 tons, f.o.b. works, bags chargeable extra	ton.	12.50	@ —
4-8 tons, f.o.b. works, bags chargeable extra	ton.	13.50	@ —
2-4 tons, f.o.b. works, bags chargeable extra	ton.	14.50	@ —
gilders, extra, car lots, f.o.b. works, bags chargeable extra	ton.	12.50	@ —
5-20 tons, f.o.b. works, bags chargeable extra	ton.	13.50	@ —
4-8 tons, f.o.b. works, bags chargeable extra	ton.	14.50	@ —
2-4 tons, f.o.b. works, bags chargeable extra	ton.	15.50	@ —
putty grade, car lots, f.o.b. works, bags chargeable extra	ton.	11.00	@ —
5-20 tons, f.o.b. works, bags chargeable extra	ton.	12.00	@ —
4-8 tons, f.o.b. works, bags chargeable extra	ton.	13.00	@ —
2-4 tons, f.o.b. works, bags chargeable extra	ton.	14.00	@ —
Whiting, precipitated, car lots, f.o.b. works, bags	ton.	15.00	@ —
5-ton lots, f.o.b. works, bags	ton.	20.00	@ —
smaller lots, f.o.b. works, bags	ton.	25.00	@ —
Wild cherry bark, thick, natural bales	lb.	.05 @	.06
rossed, bales	lb.	.06½@	.07
thin, natural, bales	lb.	.06 @	.07
rossed, green, bales	lb.	.06 @	.06½
Wild indigo root, bags	lb.	.09 @	.10
Witch hazel extract, distilled, N.F., barrels	gal.	.55 @	.65
Leaves, bales	lb.	.07 @	.09
Witherite (see Barium carbonate, natural)			
Wood flour, domestic, standard grade, works, car lots, bags	ton.	18.00	@24.00
finer grades, works, bags,	ton.	24.00	@30.00
imported, ex-dock, 40 to 70 mesh, bags	ton.	20.00	@ —
80 to 100 mesh, bags	ton.	25.50	@ —
120 mesh, bags	ton.	31.00	@ —
Wormseed, American, bags	lb.	.06 @	.07
Levant, bags	lb.	3.90 @	4.00
Wormwood, bales	lb.	.09 @	.10

X

Xylol (xylene), 8 deg., f.o.b. producers' works, drums, gal.		.41 @	—
freight allowed, tanks	gal.	.36 @	—
10 deg., works, drums	gal.	.38 @	—
freight allowed, tanks	gal.	.33 @	—
Xylol, commercial, works, drums, gal.		.35 @	—
freight allowed, tanks	gal.	.30 @	—
nitration, works, drums	gal.	.44 @	—
freight allowed, tanks	gal.	.41 @	—

Xylol tank prices freight allowed East of Omaha; West prices f.o.b. sellers' works.

Xylidin, mixed, drums	lb.	.36 @	.37

Y

Yara yara, crystals, cans	lb.	1.25 @	1.30

Yellows:—Prices for c.p. chrome yellow and zinc yellow are delivered U.S., North of Texas, and N. C. and east of Mississippi River, including river points (St. Paul, Minneapolis, Davenport, Rock Island, and St. Louis). Add ¼c. for deliveries in Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Texas, and Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, and St. Joseph; add 1c. for deliveries on Pacific Coast. Deliveries to Denver, Pueblo, Salt Lake City, and Wichita are f.o.b. Chicago; on deliveries to Texas add 1¼c. except El Paso, which is 3c. additional.

Yellow, cadmium, c.p., imported, f.o.b New York, boxes	lb.	2.50 @	—
lithopone (golden, lemon, orange and primrose), ton lots, f.o.b. seller's works freight allowed, barrels	lb.	.40 @	—
smaller lots, f.o.b. works, freight allowed, bbls.	lb.	.45 @	—
kegs	lb.	.50 @	—
Yellow, cadmium, sulphide, f.o.b. works, orange, barrels,	lb.	1.00 @	1.10
yellow, f.o.b. works, barrels	lb.	.90 @	.—
Chrome c.p. (dark, medium and light), contracts, barrels.	lb.	.11 @	—
open order, barrels	lb.	.12 @	—
Dutch pink, barrels	lb.	.85 @	.10
Mercury oxide (see M).			
Ocher, American, golden, f.o.b. seller's works, quality group A, barrels	lb.	.06½@	—
B, barrels	lb.	.05½@	—
C, barrels	lb.	.04½@	—
yellow, f.o.b. seller's works, quality group A, barrels	lb.	.02½@	—
B, barrels	lb.	.02125@	—
C, barrels	lb.	.02 @	—
D, barrels	lb.	.0195@	—
E, barrels	lb.	.01775@	—
F, barrels	lb.	.01½@	—
G, barrels	lb.	.013750@	—
H, barrels	lb.	.01½@	—

Yellow, ocher, French:—Less car lot prices on French ocher from New York dock or warehouse, or f.o.b. Bethlehem, Easton, Pa., cover deliveries to plants in New York, Brooklyn, Long Island City, Jersey City and Hoboken. Newark deliveries are 5c. per 100 pounds additional.

Deliveries f.o.b. cars, or, to plants in Baltimore, Boston, Chicago, Indianapolis, Kansas City, Milwaukee, Minneapolis, Pittsburgh, St. Louis, East St. Louis, New Orleans and Philadelphia are 10c. per 100 pounds additional.

Deliveries ex car Los Angeles are ½c. per pound higher than ex dock price at San Pedro, San Francisco, Portland and Seattle; deliveries ex warehouse Los Angeles, San Francisco, Portland, Seattle are ¼c. per pound additional.

Yellow, ocher, French, light shade, f.o.b. New York, from dock, car lots, casks	lb.	.03 @	—
less car lots, casks	lb.	.03½@	—
ex dock, New York, less car lots, casks	lb.	.03½@	—
f.o.b. New York from warehouse or f.o.b. Easton, Bethlehem, less car lots, casks	lb.	.03½@	—
ex warehouse, New York, less car lots, casks	lb.	.03¾@	—
ex dock, Baltimore, Boston, New Orleans, Philadelphia, car lots, casks	lb.	.03½@	—
less car lots, casks	lb.	.03¾@	—
ex warehouse, Baltimore, Boston, New Orleans, Philadelphia, less car lots, casks	lb.	.03¾@	—
ex warehouse Chicago, Indianapolis, Kansas City, St. Louis, East St. Louis, Milwaukee, less car lots, casks	lb.	.04 @	—
Minneapolis, less car lots, casks	lb.	.04¼@	—
Pittsburgh, less car lots, casks	lb.	.03¾@	—
ex dock San Pedro, San Francisco, Portland, Seattle, car lots, casks	lb.	.0365@	—
less car lots, casks	lb.	.0380@	—

Yellow, ocher, French:—Less car lot prices on French ocher from New York dock or warehouse, or f.o.b. Bethlehem, Easton, Pa., cover deliveries to plants in New York, Brooklyn, Long Island City, Jersey City and Hoboken. Newark deliveries are 5c. per 100 pounds additional.

Deliveries f.o.b. cars, or, to plants in Baltimore, Boston, Chicago, Indianapolis, Kansas City, Milwaukee, Minneapolis, Pittsburgh, St. Louis, East St. Louis, New Orleans and Philadelphia are 10c. per 100 pounds additional.

Deliveries ex car Los Angeles are ½c. per pound higher than ex dock price at San Pedro, San Francisco, Portland and Seattle; deliveries ex warehouse Los Angeles, San Francisco, Portland, Seattle are ¼c. per pound additional.

Yellow, ocher, French, other shades, f.o.b. New York, from dock car lots, casks	lb.	.02½@	—
less car lots, casks	lb.	.03 @	—
ex dock New York, less car lots, casks	lb.	.02½@	—
f.o.b. New York from warehouse, or f.o.b. Easton, Bethlehem, less car lots, casks	lb.	.03¼@	—
ex warehouse, New York, less car lots, casks	lb.	.03¼@	—
ex dock, Baltimore, Boston, New Orleans, Philadelphia, car lots, casks	lb.	.02½@	—
less car lots, casks	lb.	.03 @	—
ex warehouse, Baltimore, Boston, New Orleans, Philadelphia, less car lots, casks	lb.	.03¼@	—
Chicago, Indianapolis, Kansas City, St. Louis, East St. Louis, Milwaukee, less car lots, casks	lb.	.03¾@	—
Minneapolis, less car lots, casks	lb.	.03¾@	—
Pittsburgh, less car lots, casks	lb.	.03¾@	—
ex dock, San Pedro, San Francisco, Portland, Seattle, car lots, casks,	lb.	.0335@	—
less car lots, casks	lb.	.03¼@	—
Yellow, oxide, natural, car lots, f.o.b. Bethlehem, Easton, New York, barrels,	lb.	.04¼@	—
less car lots, f.o.b. Bethlehem, Easton, New York, barrels	lb.	.04¾@	—
synthetic, car lots, f.o.b. sellers' works, barrels,	lb.	.06¾@	—
less car lots, f.o.b. sellers' works, barrels	lb.	.07 @	.07¼
Persian orange (see O).			
Zinc, contracts, barrels	lb.	.18 @	—
open order, barrels	lb.	.19 @	—
Yellow dock root, bales	lb.	.09 @	.11
Yellow root (xanthorisa), bales,	lb.	.09 @	.10
Yerba santa leaves, bales	lb.	.06 @	.09
Yohimbine hydrochloride, vials,	oz.	2.50 @	2.55

Z

Zinc (see daily quotations in market report).

Arsenite, jobbers, East of Rocky Mts., car lots, cases, bags	lb.	.09½@	.11¼
less car lots, cases, bags,	lb.	.10 @	.12
Zinc arsenite, dealers, car lots, cases, bags	lb.	.09¾@	.12¾
bags	lb.	.09¾@	.12¾
5-000 lbs. and over, cases, bags	lb.	.10¼@	.13¼
1,000 to 5,000 lbs., cases, bags	lb.	.10¼@	.13¼
less than 1,000 lbs., cases, bags	lb.	.11 @	.14
consumers, car lot, cases, bags	lb.	.09¾@	.12¾
5,000 lbs. and over, cases, bags	lb.	.10¼@	.13¼
1,000 lbs. to 5,000 lbs., cases, bags	lb.	.11 @	.14
less than 1,000 lbs., cases, bags	lb.	.11¼@	.14½

Zinc arsenite car-lot prices are f.o.b. sellers' works, freight allowed to destination. Less car lots:—f.o.b. sellers' works or nearest warehouse point, freight allowed to destination in lots of 90 lbs. or over. No freight or trucking allowances for plant or warehouse pick-up.

Carbonate, technical, barrels	lb.	.09 @	.10½
U.S.P., precipitated, powdered, barrels	lb.	.31 @	.35
Zinc, chloride, fused, works, drums	lb.	.04½@	.05¾
granular, works, drums	lb.	.05 @	.05¾
solution, works, tanks	lb.	.02 @	—
drums	lb.	.04½@	—
Zinc, cyanide, works	lb.	.36 @	.38
Dust, car lots, barrels, delivered	lb.	.0690@	—
10,000 lbs. to minimum car lots	lb.	.0765@	—
less than 10,000 lbs.	lb.	.0815@	—
Fluoride, barrels	lb.	.30 @	.35
Iodide, bottles, jars	lb.	4.20 @	4.26

Zinc, oxide, pigment, domestic:—Domestic zinc oxide pigment prices are basis delivered, except less than car-lot shipments from Pacific Coast points, which are ex warehouse.

Zinc, oxide, pigment domestic, American process, commercial lead free, car lots, bags	lb.	.05 @	—
barrels	lb.	.05½@	—
smaller lots, bags	lb.	.05½@	—
barrels	lb.	.05½@	—
leaded grades, 5 p.c., car lots, bags	lb.	.04¾@	—
barrels	lb.	.05¼@	—
smaller lots, bags	lb.	.05¼@	—
barrels	lb.	.05¾@	—
35 p.c. car lots, bags,	lb.	.04¾@	—
barrels	lb.	.05¼@	—
smaller lots, bags	lb.	.05¼@	—
barrels	lb.	.05¾@	—
50 p.c. car lots, bags,	lb.	.04½@	—
barrels	lb.	.05¼@	—
smaller lots, bags	lb.	.05¼@	—
barrels	lb.	.05¾@	—
French process, commercial lead free, car lots, bags	lb.	.05 @	—
barrels	lb.	.05¼@	—
smaller, lots, bags	lb.	.05¼@	—
barrels	lb.	.05½@	—
green seal, car lots, bags	lb.	.06 @	—
barrels	lb.	.06¼@	—
smaller lots, bags	lb.	.06¼@	—
barrels	lb.	.06½@	—
red seal, car lots, bags,	lb.	.06½@	—
barrels	lb.	.05¾@	—
smaller lots, bags	lb.	.05¾@	—
barrels	lb.	.06 @	—
white seal, car lots, bags	lb.	.06½@	—
barrels	lb.	.06¾@	—
smaller lots, bags	lb.	.06¾@	—
barrels	lb.	.07 @	—
Kadox (see list of branded names below).			
Imported green seal, ex dock, 1-15 tons, barrels,	lb.	.07½@	.09¾
ex-warehouse, 1-15 tons, barrels	lb.	.07½@	.09¾
red seal, ex-dock, 1-15 ton, barrels	lb.	.06¾@	—
ex-warehouse, 1-15 tons, barrels	lb.	.09 @	—
white seal, ex-dock, 2-cask lots, casks	lb.	.10½@	—
smaller lots, casks,	lb.	.10¾@	—
ex-warehouse, 2-cask lots, casks	lb.	.10¾@	—
smaller lots, casks	lb.	.11 @	—
gold seal, ex-dock, casks,	lb.	.11¼@	—
Zinc oxide, U.S.P., car lots, barrels	lb.	.09 @	—
less car lots, barrels	lb.	.09¼@	—
Palmitate, barrels	lb.	.33 @	.35
Resinate, fused, pale, barrels,	lb.	.09 @	.10
precipitated, delv'd, drums,	lb.	.15 @	—
Stearate, technical, precipitated, car lots, barrels, cartons	lb.	.19 @	—
2,000 pounds, car lots, bbls, cartons	lb.	.20 @	—
1,000-2,000-pound lots, bbls, cartons	lb.	.21 @	—
smaller lots, barrels, cartons	lb.	.22 @	—
U.S.P., barrels	lb.	.20 @	.23
Zinc sulphate, crystals, car lots, barrels, bags	100 lbs.	2.05 @	2.50
less car lots, barrels, bags	lb.	2.15 @	2.20
flake, car lots, bags, barrels, 100 lbs.		2.05 @	2.20
less car lots, bags, barrels, 100 lbs.		2.55 @	2.70
powdered, car lots, bags, barrels	100 lbs.	4.35 @	4.80
less car lots, bags barrels	100 lbs.	4.85 @	5.00
sulphide, car lots (minimum 20 tons), delivered bags	lb.	.19½@	—
barrels	lb.	.19½@	—
5-ton lots, delivered at or ex-warehouse at Pacific Coast shipping points, bags	lb.	.11 @	—
barrels	lb.	.11¼@	—
1-ton lots, bags	lb.	.11¼@	—
barrels	lb.	.11¾@	—
less than 1 ton, bags	lb.	.11¾@	—
barrels	lb.	.11¾@	—
Sulphocarbolate, N.F., barrels,	lb.	.24 @	.26
Zinc-ammonia chloride, casks	lb.	.0485@	.06

Zinc-iron oxide pigment:—Zinc-iron oxide pigment prices are basis delivered, except less than car-lot shipments from Pacific Coast points, which are ex warehouse.

Zinc-iron oxide pigment, car lots, delivered, 50-lb. paper bags	lb.	.09¾@	—
less car lots, delivered, 50-lb. paper bags	lb.	.94¼@	—
Zirconium nitrate, works	lb.	3.60 @	4.00
Oxide, crude, 72-75 p.c., grd., works, barrels	ton.	75.00	@100.00
small lots, works, kegs,	lb.	.04½@	.04½
white, 98 p.c., works, kegs,	lb.	1.40 @	1.50

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Abalyn resin, works, 55-gallon drums, nonreturnable	lb.	.16 @	—
Alkyd resin, Dux-3002, works, 5-drum lots	lb.	.30 @	—
smaller lots	lb.	.31 @	—
RC-1, works, 5-drum lots	lb.	.24 @	—
smaller lots	lb.	.25 @	—
Solution (50 p.c.) RC-119, works, 5-drum lots	lb.	.13 @	—
smaller lots	lb.	.16 @	—

Amberol, B/81, dark, f.o.b. sellers' works, car lots, barrels..lb. .15 @ —
10-barrel lots.....lb. .14 @ —
smaller lots.....lb. .14½@ —
extra light, f.o.b. works, car lots, barrels...lb. .14½@ —
10-barrel lots.....lb. .15½@ —
smaller lots.....lb. .16 @ —
light, f.o.b. works, car lots, barrels..lb. .13½@ —
10-barrel lots.....lb. .14½@ —
smaller lots.....lb. .15½@ —
F-7, dark, f.o.b. works, car lots, barrels..lb. .14½@ —
10-barrel lots.....lb. .15½@ —
smaller lots..lb. .16½@ —
extra light, f.o.b. works, car lots, barrels..lb. .16½@ —
10-barrel lots.....lb. .17½@ —
smaller lots.....lb. .17½@ —
light, f.o.b. works, car lots, barrels..lb. .15½@ —
10-barrel lots.....lb. .16½@ —
smaller lots.....lb. .17 @ —
K-12-A, f.o.b. works, car lots, barrels..lb. .15½@ —
10-barrel lots.....lb. .16½@ —
smaller lots.....lb. .16½@ —
100, extra light, f.o.b. works, car lots, drums.....lb. .12 @ —
10-drum lots.....lb. .13 @ —
smaller lots.....lb. .13½@ —
light, f.o.b. works, car lots, drums..lb. .11½@ —
10-drum lots.....lb. .12½@ —
smaller lots.....lb. .13 @ —
226, f.o.b. works, car lots, drums..lb. .26 @ —
10-drum lots.....lb. .28 @ —
smaller lots.....lb. .29 @ —
601, f.o.b. works, extra light, car lots, barrels.....lb. .13½@ —
10-barrel lots.....lb. .13½@ —
smaller lots.....lb. .14 @ —
light, f.o.b. works, car lots, barrels..lb. .13 @ —
10-barrel lots.....lb. .13½@ —
smaller lots.....lb. .13½@ —
Bakelite resin, BR 254, f.o.b. sellers' works, 30,000 pounds, drums..lb. .48 @ —
15,000 pounds, drums.....lb. .49 @ —
5,000 pounds, drums.....lb. .50 @ —
single drums.....lb. .51 @ —
BR, 302, f.o.b. works, 30,000 pounds, drums..lb. .26 @ —
15,000 pounds, drums.....lb. .28½@ —
5,000 pounds, drums.....lb. .27 @ —
single drums.....lb. .28 @ —
BR 1220, f.o.b. works, 30,000 pounds, drums..lb. .32 @ —
15,000 pounds, drums.....lb. .33 @ —
5,000 pounds, drums.....lb. .34 @ —
single drums.....lb. .35 @ —
BR, 2072, f.o.b. works, 30,000 pounds, drums..lb. .24 @ —
15,000 pounds, drums.....lb. .25½@ —
5,000 pounds, drums.....lb. .26 @ —
single drums.....lb. .28 @ —
BR 2965, f.o.b. works, 30,000 pounds, drums..lb. .24 @ —
15,000 pounds, drums.....lb. .24½@ —
5,000 pounds, drums.....lb. .25 @ —
single drums.....lb. .26 @ —
BR 3260, f.o.b. works, 30,000 pounds, drums....lb. .52 @ —
15,000 pounds, drums.....lb. .53 @ —
5,000 pounds, drums.....lb. .54 @ —
single drums.....lb. .55 @ —
BR 4036, f.o.b. works, 30,000 pounds, drums..lb. .48 @ —
15,000 pounds, drums.....lb. .49 @ —
5,000 pounds, drums.....lb. .50 @ —
single drums.....lb. .51 @ —
BR 6717, f.o.b. works, 30,000 pounds, drums..lb. .28 @ —
15,000 pounds, drums.....lb. .29 @ —
5,000 pounds, drums.....lb. .30 @ —
single drums.....lb. .31 @ —
BR 6760, f.o.b. works, 30,000 pounds, drums..lb. .32 @ —
15,000 pounds, drums.....lb. .34 @ —
5,000 pounds, drums.....lb. .35 @ —
single drums.....lb. .36 @ —
BR 6882, f.o.b. works, 30,000 pounds, drums..lb. .48 @ —
15,000 pounds, drums.....lb. .49 @ —
5,000 pounds, drums.....lb. .50 @ —
single drums.....lb. .51 @ —
XJ 2681, f.o.b. works, 30,000 pounds, drums..lb. .21½@ —
15,000 pounds, drums.....lb. .22 @ —
5,000 pounds, drums.....lb. .22½@ —
single drums.....lb. .23½@ —
XR, 2175, f.o.b. works, 30,000 pounds, drums..lb. .23 @ —
15,000 pounds, drums.....lb. .23½@ —
5,000 pounds, drums.....lb. .24 @ —
single drums.....lb. .25 @ —
XR 2987, f.o.b. works, 30,000 pounds, drums..lb. .32 @ —
15,000 pounds, drums.....lb. .33 @ —
5,000 pounds, drums.....lb. .34 @ —
single drums.....lb. .35 @ —
XR 3180, f.o.b. works, 30,000 pounds..drums..lb. .59 @ —
15,000 pounds, drums.....lb. .60 @ —
5,000 pounds, drums.....lb. .61 @ —
single drums.....lb. .62 @ —
Beckacite, No. 1100, delv'd, 10 or more bbls..lb. .16½@ —
1-9 bbls.....lb. .17½@ —
1101, delv'd, 10 or more drums, lb. .15½@ —
1-9 drums.....lb. .16½@ —
1102, delv'd, 10 or more drums, lb. .14½@ —
1-9 drums.....lb. .15½@ —
1106, delv'd, 10 or more bbls. lb. .14½@ —
1-9 bbls.....lb. .15½@ —
1110, delv'd, 10 or more drums, lb. .13½@ —
1-9 drums.....lb. .14½@ —
1111, delv'd, 10 or more drums, lb. .13½@ —
1-9 drums.....lb. .14½@ —
1112, delv'd, 10 or more drums, lb. .16½@ —
1-9 drums.....lb. .17½@ —
1113, delv'd, 10 or more drums, lb. .12½@ —
1-9 drums.....lb. .13½@ —
1114, delv'd, 10 or more drums, lb. .11½@ —
1-9 drums.....lb. .12½@ —
Beckacite, Super, No. 1001, del'vd, 10 or more bbls..lb. .41½@ —
1-9 bbls.....lb. .43½@ —
1003, delv'd, 10 or more bbls. lb. .31½@ —
1-9 bbls.....lb. .33½@ —
2,000, delv'd, 10 or more bbls. lb. .31½@ —
1-9 bbls.....lb. .33½@ —
Beckacite in carload lots (minimum 36,000 pounds) is 1c. per pound lower than 10-drum price.
Beckolin, dark, delv'd, car lots, bbls..lb. .10½@ —
10 barrel lots.....lb. .11½@ —
1-9 barrels.....lb. .12½@ —
light, delv'd, car lots, bbls. lb. .13½@ —
10 barrel lots.....lb. .14½@ —
1-9 barrels.....lb. .15½@ —
Beckopol, No. 1400, delv'd, car lots..lb. .21½@ —
10 or more drums.....lb. .22½@ —
1-9 drums.....lb. .23½@ —

Beckosol, solutions No. 1, delv'd, 10 or more drums..lb. .15 @ —
1-9 drums.....lb. .15½@ —
2, delv'd, 10 or more drums..lb. .14 @ —
1-9 drums.....lb. .14½@ —
1302, delv'd, 10 or more drums, lb. .14 @ —
1-9 drums.....lb. .14½@ —
1307, delv'd, 10 or more drums, lb. .14 @ —
1-9 drums.....lb. .14½@ —
1308, delv'd, 10 or more drums, lb. .13 @ —
1-9 drums.....lb. .13½@ —
1313, delv'd, 10 or more drums, lb. .15 @ —
1-9 drums.....lb. .15½@ —
1316, delv'd, 10 or more drums, lb. .13 @ —
1-9 drums.....lb. .13½@ —
1318, delv'd, 10 or more drums..lb. .20 @ —
1-9 drums.....lb. .20½@ —
1319, delv'd, 10 or more drums, lb. .17 @ —
1-9 drums.....lb. .17½@ —
1320, delv'd, 10 or more drums, lb. .15 @ —
1-9 drums.....lb. .15½@ —
1325, delv'd, 10 or more drums, lb. .17 @ —
1-9 drums.....lb. .17½@ —
1324, delv'd, 10 or more drums, lb. .23 @ —
1-9 drums.....lb. .23½@ —
1325, delv'd, 10 or more drums, lb. .13 @ —
1-9 drums.....lb. .13½@ —
1326, delv'd, 10 or more drums, lb. .15 @ —
1-9 drums.....lb. .15½@ —
1329, delv'd, 10 or more drums, lb. .11½@ —
1-9 drums.....lb. .12½@ —
Beckosol, solid, No. 1, delv'd, 10 or more drums.....lb. .25 @ —
1-9 drums.....lb. .25½@ —
2, delv'd, 10 or more drums, lb. .24 @ —
1-9 drums.....lb. .24½@ —
7, delv'd, 10 or more drums, lb. .25½@ —
1-9 drums.....lb. .26½@ —
13, delv'd, 10 or more drums, lb. .26 @ —
1-9 drums.....lb. .26½@ —
15, delv'd, 10 or more drums, lb. .18½@ —
1-9 drums.....lb. .19½@ —
19, delv'd, 10 or more drums, lb. .24 @ —
1-9 drums.....lb. .24½@ —

Beckosol in carload lots (minimum 36,000 pounds) is 1c. per pound cheaper than prices for 1-9 drum lots.

Bronze gum, No. 1, works, drums..lb. .11 @ —
2, works, drums.....lb. .09 @ —

Cumar:—Cumar prices are f.o.b. sellers' works, freight equalized with nearest competitive point. Inside prices are for 6-month firm contracts for 50,000 pounds or over. For 6-month firm contracts, 25,000-50,000 pounds, add ½c. For 6-month contracts, less than 25,000 pounds, add ¾c.; prices in outside column are open order.

Cumar, W, color, ¼, works, drums..lb. .10¾@ .11¾
color 1, works, drums...lb. .10 @ .11
color 1¼-2, works, drums.lb. .09½@ .10¼
color 2½ and darker, works, drums..lb. .08½@ .09½
V, color, ⅛, works, drums.lb. .09½@ .10¾
color 1, works, drums...lb. .09 @ .10
color 1¼-2, works, drums.lb. .08½@ .09¼
color 2½ and darker, works, drums..lb. .07½@ .08½
MH, color ⅛, works, drums.lb. .09½@ .10¾
color 1, works, drums...lb. .09 @ .10
color 1¼-2, works, drums.lb. .08½@ .09¼
color 2½ and darker, works, drums..lb. .07½@ .08¼
RH, works, drums.....lb. .09 @ .09
MS, works, drums.....lb. .09 @ .09
RS, works, drums.....lb. .08 @ .09
special soft, works, drums. lb. .09 @ .09
P-10° to 90° C. (above color 3), works, drums..lb. .08½@ .09¼
AX, works, drums.....lb. .05 @ .06
BX, works, drums.....lb. .05 @ .06
CX, works, gross weight, drums..lb. .03 @ .04
DX, works, gross weight, drums..lb. .03 @ .04
EX, works, gross weight, drums..lb. .03 @ .04
FX, works, gross weight, drums..lb. .03½@ .04½

Duraplex:—Duraplex prices are f.o.b. works, regular rail freight allowed to destination, except for shipments to the Pacific Coast, which are understood freight by water allowed to Pacific Coast ports.

For shipments to points in Missouri (other than St. Louis), Iowa, Kansas, Nebraska, North Dakota and South Dakota, Minnesota, Oklahoma, Arkansas, and Dallas and Houston add ½c. per pound for carload lots and ¾c. per pound for less than carload lots; for shipments to points in California, Oregon and Washington, by water, add ¾c. per pound for carload lots and 1¼c. per pound for less than carload lots; for shipments to Texas (other than Dallas and Houston), and Colorado add 1c. per pound for carload lots, and 2c. per pound for less than carload lots.

Duraplex, A-22, 3,700-gallon lots, drums..lb. .17 @ —
500-3,700 gallons, drums...lb. .18 @ —
smaller lots, drums.....lb. .19½@ —
A-25, 3,700-gallon lots, drums. lb. .16½@ —
500-3,700 gallons, drums...lb. .17½@ —
smaller lots drums.....lb. .18½@ —
B-37-X, 3,700-gallon lots, drums lb. .16½@ —
500-3,700 gallons, drums...lb. .17½@ —
smaller lots, drums.....lb. .18½@ —
B-37-MT, 3,700-gallon lots, drums..lb. .14 @ —
500-3,700 gallons, drums...lb. .14½@ —
smaller lots, drums.....lb. .15½@ —
C-38, 3,700-gallon lots, drums, lb. .19½@ —
500-3,700 gallons, drums...lb. .20½@ —
smaller lots.....lb. .21 @ —
C-40, 3,700-gallon lots, drums. lb. .15 @ —
500-3,700-gallon lots, drums.lb. .16 @ —
smaller lots, drums.....lb. .16½@ —
C-45, 3,700-gallon lots, drums. lb. .14½@ —
500-3,700 gallons, drums...lb. .15½@ —
smaller lots, drums.....lb. .16½@ —
C-45-LV, 3,700-gallon lots, drums..lb. .20½@ —
500-3,700 gallons, drums...lb. .22½@ —
smaller lots, drums.....lb. .23½@ —
C-50, 3,700-gallon lots, drums, lb. .14½@ —
500-3,700 gallons, drums...lb. .15½@ —
smaller lots, drums.....lb. .16 @ —
C-50-LV, 3,700-gallon lots, drums..lb. .20½@ —
500-3,700 gallons, drums...lb. .22 @ —
smaller lots, drums.....lb. .23 @ —

Dures:—Deliveries of Dures, ex warehouse Pacific Coast are 2c. per pound higher than following prices.

No. 210, f.o.b. works, carlots (36,000 lbs.), drums.....lb. .15 @ —
40-drum lots.....lb. .15½@ —
10-drum lots.....lb. .16 @ —
single drums.....lb. .16½@ —
500 pale, f.o.b. works, car lots (36,000 lbs.) drums. lb. .35 @ —
40-drum lots.....lb. .36 @ —
10-drum lots.....lb. .37 @ —
single drums.....lb. .38 @ —
532 dark, works, car lots, drums..lb. .25 @ —
40-drum lots.....lb. .26 @ —
10-drum lots.....lb. .27 @ —
single drums.....lb. .28 @ —
550, very pale, works, car lots, drums..lb. .45 @ —
40-drum lots.....lb. .46 @ —
10-drum lots.....lb. .47 @ —
single drums.....lb. .48 @ —
Durite, resin, No. 1301, works, ton lots, wood drums..lb. .30 @ —
less ton lots, wood drums. lb. .32 @ —
Esterol, solid, A, B, D, PV, No. 1 L, drums..lb. .33 @ —
No. 2 LB, No. 2 P10, drums. lb. .34 @ —
No. 2 N, No. 2 R, drums. lb. .33 @ .33

Flat gum, No. 1, f.o.b. sellers' works, drums..lb. .14½@ —

Glyptal:—Prices for glyptal resins and solutions listed in the inside column are f.o.b. sellers' works, freight allowed to the following points:—New England States, New York, New Jersey, Pennsylvania, Maryland, West Virginia, Virginia, North Carolina, Ohio, Michigan, Indiana, Illinois, Wisconsin, Kentucky, Delaware and St. Louis, Mo. Prices listed in the outside column are f.o.b. sellers' works, freight allowed to the following points:—Minnesota, Iowa, Mississippi, Missouri (except St. Louis), Georgia, Arkansas, Dallas, and Houston, Texas; Oklahoma, Kansas, Nebraska, Florida, North and South Dakota, Louisiana, Tennessee, Alabama and South Carolina. Warehouse shipments from points other than the point of manufacture are ½c. per pound additional. When delivery is made in 3 shipments on 3,700-gallon quantities of solutions and 36,000-pound quantities of resins, the entire quantity must be taken within 90 days. Glyptal resins and solutions may be assorted to obtain the quantity price.

Glyptal No. 1250, resin, delivered, 36,000 pounds, single shipment, drums....100 lbs.25.38 @25.98
36,000 pounds, 3 shipments, drums..100 lbs.25.98 @26.78
2,000-35,999 pounds, drums, 100 lbs.27.36 @28.11
500-1,999 pounds, drums, 100 lbs.28.78 @29.58
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.16.95 @17.45
3,700 gallons, 3 shipments, drums..100 lbs.17.45 @18.20
500-3,699 gallons, drums, 100 lbs.17.98 @18.75
smaller quantities, drums, 100 lbs.18.80 @19.25
1247, resin, delivered, 36,000 pounds, single shipment, drums..100 lbs.24.30 @24.75
36,000 pounds, 3 shipments, drums..100 lbs.24.75 @25.45
2,000-35,999 pounds, drums, 100 lbs.26.13 @26.84
500-1,999 pounds, drums, 100 lbs.27.50 @28.25
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.19.30@19.80
3,700 gallons, 3 shipments, drums..100 lbs.19.80 @20.55
500-3,699 gallons, drums, 100 lbs.20.40 @21.15
smaller quantities, drums, 100 lbs.21.00 @21.75
2450, resin, delivered, 36,000 pounds, single shipment, drums..100 lbs.24.98 @25.45
36,000 pounds, 3 shipments, drums..100 lbs.25.45 @26.10
2,000-35,999 pounds, drums, 100 lbs.26.84 @27.56
500-1,999 pounds, drums, 100 lbs.28.25 @29.00
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.14.84 @14.90
3,700 gallons, 3 shipments, drums..100 lbs.14.61 @15.51
500-3,699 gallons, drums, 100 lbs.15.28 @16.00
smaller quantities, drums, 100 lbs.15.75 @16.54
2451, resin, delivered 36,000 pounds, single shipment, drums..100 lbs.25.65 @26.10
36,000 pounds, 3 shipments, drums..100 lbs.26.10 @26.75
2,000-35,999 pounds, drums, 100 lbs.27.55 @28.24
500-1,999 pounds, drums, 100 lbs.29.00 @29.75
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.17.16 @17.63
3,700 gallons, 3 shipments, drums..100 lbs.17.63 @18.33
500-3,699 gallons, drums, 100 lbs.18.19 @18.93
smaller quantities, drums, 100 lbs.18.75 @19.50
2452, resin, delivered, 36,000 pounds, single shipments, drums..100 lbs.23.85 @24.80
36,000 pounds, 3 shipments, drums..100 lbs.24.30 @24.98
2,000-35,999 pounds drums, 100 lbs.25.65 @26.36
500-1,999 pounds, drums, 100 lbs.27.00 @27.75
solution delivered, 3,700 gallons, single shipment, drums, 100 lbs.14.57 @15.04
3,700 gallons, 3 shipments, drums..100 lbs.15.04 @15.75
500-3,699 gallons, drums, 100 lbs.15.52 @16.25
smaller quantities, drums, 100 lbs.16.00 @16.75
2455, resin, delivered, 36,000 pounds, single shipment, drums..100 lbs.22.80 @22.95
36,000 pounds, 3 shipments, drums..100 lbs.22.95 @23.69
2,000-35,999 pounds drums, 100 lbs.24.23 @24.94
500-1,999 pounds, drums, 100 lbs.25.50 @26.25
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.19.96 @20.45
3,700 gallons, 3 shipments, drums..100 lbs.20.44 @21.15
500-3,699 gallons, drums, 100 lbs.21.10 @21.88
smaller quantities, drums, 100 lbs.21.75 @22.50
2458, resin, delivered, 36,000 pounds, single shipments, drums..100 lbs.23.85 @24.80
36,000 pounds, 3 shipments, drums..100 lbs.24.30 @24.98
2,000-35,999 pounds drums, 100 lbs.25.65 @26.36
500-1,999 pounds, drums, 100 lbs.27.00 @27.75
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.14.57 @15.04
3,700 gallons, 3 shipments, drums..100 lbs.15.04 @15.75
500-3,699 gallons, drums, 100 lbs.15.52 @16.25
smaller quantities, drums, 100 lbs.16.00 @16.75
2464, resin, delivered, 36,000 pounds, single shipment, drums..100 lbs.22.80 @24.80
36,000 pounds, 3 shipments, drums..100 lbs.22.95 @24.96
2,000-35,999 pounds, drums, 100 lbs.24.23 @26.36
500-1,999 pounds, drums, 100 lbs.25.50 @27.75
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.14.57 @14.97
3,700 gallons, 3 shipments, drums..100 lbs.14.97 @15.63
500-3,699 gallons, drums, 100 lbs.15.50 @16.05
smaller quantities, drums, 100 lbs.15.75 @16.50
2466, resin, delivered, 36,000 pounds, single shipments, drums..100 lbs.22.75 @23.30
36,000 pounds, 3 shipments, drums..100 lbs.23.23 @24.04
2,000-35,999 pounds, drums, 100 lbs.24.51 @25.25
500-1,999 pounds, drums, 100 lbs.25.75 @26.50
solution, delivered, 3,700 gallons, single shipment, drums..100lbs.13.90 @14.40
3,700 gallons, 3 shipments, drums..100 lbs.14.40 @15.15
500-3,699 gallons, drums, 100 lbs.14.82 @15.57
smaller quantities, drums, 100 lbs.15.25 @16.00
2471, resin, delivered, 36,000 pounds, single shipment, drums..100 lbs.24.30 @25.00
36,000 pounds, 3 shipments, drums..100 lbs.25.00 @26.05
2,000-35,999 pounds, drums, 100 lbs.26.05 @27.40
500-1,999 pounds, drums, 100 lbs.27.00 @28.75
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.16.25 @16.75
3,700 gallons, 3 shipments, drums..100 lbs.16.75 @17.50
500-3,699 gallons, drums, 100 lbs.17.25 @18.00
smaller quantities, drums, 100 lbs.17.75 @18.50
2477, resin, delivered, 36,000 pounds, single shipment, drums..100 lbs.24.30 @24.75
36,000 pounds, 3 shipments, drums..100 lbs.24.75 @25.45
2,000-35,999 pounds, drums, 100 lbs.26.13 @26.84
500-1,999 pounds, drums, 100 lbs.27.25 @28.00
solution, delivered, 3,700 gallons, single shipment, drums..100 lbs.13.87 @13.94
3,700 gallons, 3 shipments, drums..100 lbs.13.94 @14.74
500-3,699 gallons, drums, 100 lbs.14.37 @15.07
smaller quantities, drums, 100 lbs.14.80 @15.50
Guai-a-phene, f.o.b. sellers' works, 50-gallon drums, gal. 2.50 @ —
10-gallon cans.....gal. 2.57 @ —
5-gallon cans.....gal. 2.62 @ —
1-gallon cans.....gal. 2.82 @ —
Hercolyn resin, works, 55-gallon drums, non-returnable..lb. .32 @ —

Ambesol—Hercolyn resin

Imperial gum—Paranol

Imperial gum, BK, f.o.b. seller's works, 75,000-pound lots, drums..lb.	.07¾	@	—
10,000-74,999-pound lots, drums..lb.	.07¾	@	—
3,000-10,000 pound lots, drums..lb.	.08¼	@	—
smaller lots, drums.....lb.	.08¾	@	—
X, pale or hard pale, f.o.b. seller's works, 75,000-pound lots, drums..lb.	.07¾	@	—
10,000-74,999-pound lots, drums..lb.	.07¾	@	—
3,000-10,000 pound lots, drums..lb.	.08¼	@	—
smaller lots, drums.....lb.	.08¾	@	—
No. 3, S-L, S-H, f.o.b. seller's works, 75,000-pound lots, drums..lb.	.07¾	@	—
10,000-74,999-pound lots, drums..lb.	.07¾	@	—
3,000-10,000 pound lots, drums..lb.	.08¼	@	—
smaller lots, drums.....lb.	.08¾	@	—
15-20, f.o.b. sellers' works, 75,000-pound lots, drums..lb.	.07¾	@	—
10,000-74,999 pound lots, drums..lb.	.07¾	@	—
3,000-10,000 pound lots, drums..lb.	.08¼	@	—
smaller lots, drums..lb.	.08¾	@	—
45, f.o.b. sellers' works, 75,000-pound lots, drums..lb.	.07¾	@	—
10,000-74,999-pound lots, drums..lb.	.07¾	@	—
3,000-10,000-pound drums, lb..	.08¼	@	—
smaller lots, drums.....lb.	.08¾	@	—

Imperial gum, 100, f.o.b. seller's works, 75,000-pound lots, drums..lb.	.06¾	@	—
10,000-74,999-pound lots, drums..lb.	.07¼	@	—
3,000-10,000 pound lots, drums..lb.	.07¾	@	—
smaller lots, drums.....lb.	.07¾	@	—
Josite (see Zinc-iron oxide pigment in regular list above).			
Kadox pigment:—Kadox in l.c.l. quantities is delivered East of Rockies; Pacific Coast withdrawals are basis ex-warehouse.			
Kadox, black label, car lots, delivered, bags..lb.	.05	@	—
barrels .....lb.	.05½	@	—
less car lots, bags.....lb.	.05½	@	—
barrels .....lb.	.05¾	@	—
blue label, car lots, delivered, bags..lb.	.05	@	—
barrels .....lb.	.05½	@	—
less car lots, bags.....lb.	.05½	@	—
barrels .....lb.	.05¾	@	—
red label, car lots, delivered, bags..lb.	.06	@	—
barrels .....lb.	.05½	@	—
less car lots, bags.....lb.	.05½	@	—
barrels .. ..lb.	.05¾	@	—
Kopol in carload lots (minimum 36,000 pounds) is 1c. per pound lower than 10-drum price.			
Kopol, No. 500, delv'd, 10 or more drums..lb.	.12½	@	—
1-9 drums.....lb.	.14½	@	—
501, delv'd, 10 or more drums, lb.	.11½	@	—
1-9 drums.....lb.	.13½	@	—
502, delv'd, 10 or more drums, lb.	.10½	@	—
1-9 drums.....lb.	.11½	@	—

Lewisol resin, No. 1, f.o.b. sellers' works, car lots, drums..lb.	.12½	@	—
5-ton lots, drums.....lb.	.13½	@	—
1-ton lots, drums.....lb.	.13½	@	—
smaller lots, drums.....lb.	.14	@	—
3, f.o.b. sellers' works, car lots, drums..lb.	.15½	@	—
5-ton lots, drums.....lb.	.15½	@	—
1-ton lots, drums.....lb.	.15¾	@	—
smaller lots, drums.....lb.	.16	@	—
8, f.o.b. seller's works, car lots, drums..lb.	.20½	@	—
5-ton lots, drums.....lb.	.20½	@	—
1-ton lots, drums.....lb.	.20¾	@	—
smaller lots, drums.....lb.	.21	@	—
18, f.o.b. sellers' works, car lots, drums..lb.	.10¾	@	—
5-ton lots, drums.....lb.	.11	@	—
1-ton lots, drums.....lb.	.11¼	@	—
smaller lots, drums.....lb.	.11½	@	—
115, f.o.b. sellers' works, car lots, drums..lb.	.11¼	@	—
5-ton lots, drums.....lb.	.11½	@	—
1-ton lots, drums.....lb.	.11¾	@	—
smaller lots, drums.....lb.	.12	@	—
120, f.o.b. sellers' works, car lots, drums..lb.	.12¼	@	—
5-ton lots, drums.....lb.	.12½	@	—
1-ton lots, drums.....lb.	.12¾	@	—
smaller lots, drums.....lb.	.14	@	—
125, f.o.b. sellers' works, car lots, drums..lb.	.11¼	@	—
5-ton lots, drums.....lb.	.11½	@	—
1-ton lots, drums.....lb.	.11¾	@	—
smaller lots, drums.....lb.	.12	@	—
150, f.o.b. sellers' works, car lots, drums..lb.	.17¼	@	—
5-ton lots, drums.....lb.	.17½	@	—
1-ton lots, drums.....lb.	.17¾	@	—
smaller lots, drums.....lb.	.18	@	—

Leeto, No. 545, f.o.b. works, 5-barrel lots..lb.	.43	@	—
single barrels.....lb.	.45	@	—
2102, f.o.b. works, 5-barrel lots, drums..lb.	.28	@	—
single barrels.....lb.	.30	@	—

Neville:—Neville resin prices are f.o.b. sellers' works, freight equalized with nearest competitive point. Inside prices are for 6-month firm contracts for 50,000 pounds or over. For 6-month firm contracts, 25,000-50,000 pounds, add ¼c. For 6-month contracts, less than 25,000 pounds, add ½c.; prices in outside columns are open order.

Neville resin, R-3, Nevindene, color 1, works, drums..lb.	.10	@	.11
R-5, Nevindene, color 1½-2, works, drums..lb.	.09½	@	.10¼
R6, Nevindene, color 2½ and darker, works, drums..lb.	.06½	@	.09½
works, drums..lb.	.08½	@	.09½
R-7, N.P.S., color below 3, works, drums..lb.	.10	@	.11
R-8, N.P.S., color below 3, works, drums..lb.	.10½	@	.11½
R-10, hard, color 1, works, drums..lb.	.09	@	.10
R-11, hard, color 1½-2, works, drums..lb.	.06¼	@	.09¼
R-12, hard, color 2½ and darker, works, drums..lb.	.07½	@	.08½
R-14, medium, color 1, works, drums..lb.	.09	@	.10
R-15, medium, color 1½-2, works, drums..lb.	.06¼	@	.09¼
R-16, medium, color 2½ and darker, works, drums..lb.	.07½	@	.08½
R-17, med. soft, color 3½-8, works, drums..lb.	.06	@	.09
R-19, med. soft, color 3½-8, works, drums..lb.	.08	@	.09
R-21, soft, color 3½-8, works, drums..lb.	.08	@	.09
R-22, special, soft, color 3½-8, works, drums..lb.	.08	@	.09
R-28, med. soft, color 1½-2, works, drums..lb.	.09½	@	.10¼
R-29, med. soft, color 2½ and darker, works, drums..lb.	.06½	@	.09½
R-41, Phenester, color 3½-5, works, drums..lb.	.15	@	.16
Nuodex liquid driers, cobalt, 4%, delivered, drums..lb.	.20	@	—
cobalt, 6%, delivered, 10-drum lots..lb.	.23½	@	—
1-9 drums.....lb.	.25½	@	—
lead, 16%, delivered, 10-drum lots..lb.	.12	@	—
1-9 drums.....lb.	.14	@	—
lead, 24%, delivered, 10-drum lots..lb.	.18	@	—
1-9 drums.....lb.	.19	@	—
manganese, 4%, delivered, 10-drum lots..lb.	.12	@	—
1-9 drums.....lb.	.13	@	—
manganese, 6%, delivered, 10-drum lots..lb.	.14	@	—
1-9 drums.....lb.	.15	@	—
zinc, 8%, delivered, 10-drum lots..lb.	.17	@	—
1-9 drums.....lb.	.18	@	—
solid, driers, cobalt, 12%, delivered, drums..lb.	.46	@	—
lead, 40%, delivered, drums, lb.	.28	@	—
manganese, 11%, delivered, drums..lb.	.25	@	—
zinc, 12%, delivered, drums, lb.	.24	@	—
Ollsolate drier, solid, cobalt, 10.5 - 11.5%, f. o. b. works, 100-pound lots, drums..lb.	.80	@	—
smaller lots, drums..lb.	.84	@	—
lead, 31-33%, f.o.b. works, 100-pound lots, drums, lb.	.42	@	—
smaller lots, drums..lb.	.46	@	—
manganese, 10.5-11.5%, f.o.b. works, 100-pound lots, drums..lb.	.58	@	—
smaller lots, drums..lb.	.62	@	—
Ollsolate drier, solution 2A, cobalt, 2.9-3.1%, f.o.b. works, 100-pound lots, drums..lb.	.24	@	—
smaller lots, drums..lb.	.27	@	—
lead, 19.5-20.5%, f.o.b. works, 100-pound lots, drums..lb.	.27	@	—
smaller lots, drums..lb.	.30	@	—
manganese, 2.9-3.1%, f.o.b. works, 100-pound lots, drums..lb.	.15	@	—
smaller lots, drums..lb.	.18	@	—
solution X, cobalt, 2.9-3.1%, f.o.b. works, 100-pound lots, drums..lb.	.18	@	—
smaller lots, drums..lb.	.21	@	—
lead, 19.5-20.5%, f.o.b. works, 100-pound lots, drums, lb.	.20	@	—
smaller lots, drums..lb.	.23	@	—
manganese, 2.9-3.1%, f.o.b. works, 100-pound lots, drums..lb.	.12	@	—
smaller lots, drums..lb.	.15	@	—
Para-dura, C, f.o.b. New York, barrels..lb.	.30	@	.35
10 P, f.o.b. New York, barrels, lb.	.55	@	.60
10 R, f.o.b. New York, barrels, lb.	.50	@	.55
46, f.o.b. New York, car lots, barrels..lb.	.26	@	—
l.c.l., barrels.....lb.	.26½	@	.36
Paramet ester, extra hard, 75,000 pounds or more, delivered, drugs..lb.	.08½	@	—
10,000 to 74,999 pounds, delivered, drums..lb.	.09½	@	—
3,000 to 9,999 pounds, delivered, drums..lb.	.09½	@	—
less than 3,000 pounds, delivered, drums..lb.	.09½	@	—
pale, 75,000 pounds or more, delivered, drums..lb.	.07½	@	—
10,000 to 74,999 pounds, delivered, drums..lb.	.07½	@	—
3,000 to 9,999 pounds, delivered, drums..lb.	.08½	@	—
less than 3,000 pounds, delivered, drums..lb.	.08½	@	—
Paranol, hard, dark, car lots, f.o.b. works, barrels..lb.	.13½	@	—
l.c.l., f.o.b. works, barrels, lb.	.13½	@	—
barrel lots, works.....lb.	.14½	@	—
light, car lots, works, barrels, lb.	.14½	@	—
less car lots, works, barrels..lb.	.14½	@	—
barrel lots, works.....lb.	.15½	@	—
extra light, car lots, works, barrels..lb.	.15½	@	—
less car lots, works, barrels, lb.	.15½	@	—
barrel lots, works.....lb.	.16½	@	—
extra hard, dark, car lots, f.o.b. works, barrels..lb.	.14½	@	—
less car lots, works, barrels..lb.	.16½	@	—
barrel lots, works.....lb.	.16	@	—

PARAMET 4 Square CONTROL

Exacting Laboratory Test before Shipment

Responsible Sales and Technical Service

Constant Technical and Mechanical Supervision

Technical Facilities that insure rigid adherence to Specification

ASSURES

ESTER Gum OF uniform QUALITY

There is never any variation in Paramet Ester Gum. Manufactured under very definite controls, our new units, especially designed and built for us give profound assurance of superiority in quality.

Paramet standards are insistent that Paramet Ester Gums have:

1. High melting point.
2. Excellent color . . . unless otherwise specified.
3. Good bodying action with oils.
4. Complete solubility in all varnish and lacquer thinners other than alcohol with no insoluble specks showing in the solution.
5. Acid number as desired...4 to 6, 6 to 8, or higher.

For the protection of your finished product, see to it that your Ester Gum has:

A. Ability to pass the Toluol test.

B. Ability to pass the Ethyl Acetate test.

C. Ability to retain color in varnishes subjected to high heats.

D. A content less than .03% ash.

All these tests are quick and simple to make. We will be glad to send copies of test methods upon request. Write us today.

"ONLY TIME

PARAMET PRODUCTS
"Only time will tell"
STROOCK & WITTENBERG CORP.
17 BATTERY PLACE, NEW YORK CITY.

WILL TELL"

Paranol, extra hard, light, car lots, f.o.b. works, barrels, lb. .15¾@ —
light, less car lots, works, barrels..lb. .16¼@ —
barrel lots, works.....lb. .17 @ —
extra light, car lots, f.o.b. works, barrels..lb. .16¾@ —
less car lots, works, barrels, lb. .17¼@ —
barrel lots, works.....lb. .18 @ —
Paranol, LB, car lots, barrels, lb. .16½@ —
l.c.l. barrels.....lb [illegible] —
No. 100, barrels.....lb. .18 @ —
600 hard, car lots, barrels..lb [illegible] —
extra hard, car lots, barrels, lb. .20 @ —
Paraplex, RG-3 (60%), works, car lots (36,000 pounds), 50-gal., drums..lb. .28 @ —
10-drum lots.....lb. .29 @ —
smaller lots.....lb. .30 @ —
RG-7, works, car lots (36,000 pounds), 50-gal. drums.lb. .24 @ —
10-drum lots.....lb. .25 @ —
smaller lots.....lb. .26 @ —
5-B (50%), works, car lots, (36,000 pounds), 50-gal., drums..lb. .18 @ —
10-drum lots.....lb. .18½@ —
smaller lots.....lb. .19 @ —

Paraplex in 15 and 25-gallon drums, 1c. per pound additional; small quantities packed in 1 or 5-gallon cans are 2c. per pound higher.

Phenac, 605G, f.o.b. sellers' works, car lots, bbls..lb. .14¼@ —
10-barrel lots.....lb. .15¼@ —
single barrels.....lb. .16¼@ —
605K, f.o.b. sellers' works, car lots, barrels.....lb. .15½@ —
10-barrel lots.....lb. .16½@ —
single barrels.....lb. .17 @ —
610G, f.o.b. sellers' works, car lots, barrels..lb. .13 @ —
10-barrel lots.....lb. .14 @ —
single barrels.....lb. .14½@ —
610N, f.o.b. sellers' works, car lots, barrels..lb. .14½@ —
10-barrel lots.....lb. .15½@ —
single barrels.....lb. .16 @ —
615N, f.o.b. sellers' works, car lots, barrels..lb. .15½@ —
10-barrel lots.....lb. .16½@ —
single barrels.....lb. .16½@ —
633M, f.o.b. sellers' works, car lots, barrels..lb. .14½@ —
10-barrel lots.....lb. .15½@ —
Single barrels.....lb. .16 @ —
Pilolite resin, milled, f.o.b. works, ton lots, drums..lb. .75 @ —
drum lots.....lb. .79 @ —
unmilled, f.o.b. works, ton lots, drums..lb. .68 @ —
drum lots.....lb. .69 @ —

Rezyl:—Orders for 36,000-pound lots in 3 shipments are to be taken within 90 days; for shipment from warehouse other than points of manufacture add ½c. per pound; for shipment in 5-gallon pails, add 3c. per pound on solid resins and 2c. per pound on solutions

Rezyl, solid, f.o.b. works, freight allowed East No. 11, 36,000-pound lots (single shipment), drums.....lb. .2565@ —
36,000-pound lots (3 shipments), drums..lb. .2610@ —
ton lots, drum.....lb.. .2756@ —
smaller lots, drums.....lb .2900@ —

Rezyl, solid (Continued):—
12, 36,000-pound lots (single shipments), drums...lb. .2430@ —
36,000-pound lots (3 shipments), drums.....lb. .2475@ —
ton lots, drums.....lb. .2613@ —
smaller lots, drums....lb. .2750@ —
12H, 36,000-pound lots (single shipment), drums..lb. .2430@ —
36,000-pound lots (3 shipments), drums.....lb. .2475@ —
ton lots, drums.....lb. .2613@ —
smaller lots, drums.....lb. .2750@ —
14, 36,000-pound lots (single shipments), drums....lb. .2430@ —
36,000-pound lots (3 shipments), drums.....lb. .2465@ —
ton lots, drums.....lb. .2657@ —
smaller lots, drums....lb. .2850@ —
17, 36,000-pound lots (single shipment), drums..lb. .2115@ —
36,000-pound lots (3 shipments), drums..lb. .2160@ —
ton lots, drums.....lb. .2280@ —
smaller lots, drums.....lb. .24 @ —
19, 36,000-pound lots (single shipment), drums.....lb. .2543@ —
36,000-pound lots (3 shipments), drums.....lb. .2587@ —
ton lots, drums.....lb. .2731@ —
smaller lots, drums....lb. .2875@ —
58, 36,000-pound lots (single shipment), drums.....lb. .2385@ —
36,000-pound lots (3 shipments), drums.....lb. .2430@ —
ton lots, drums.....lb. .2565@ —
smaller lots, drums....lb. .2700@ —
110, 36,000-pound lots (single shipment), drums..lb. .2340@ —
36,000-pound lots (3 shipments), drums.....lb. .2385@ —
ton lots, drums.....lb. .2538@ —
smaller lots, drums....lb. .2850@ —
115, 36,000-pound lots (single shipment), drums.....lb. .2565@ —
36,000-pound lots (3 shipments), drums.....lb. .2610@ —
ton lots, drums.....lb. .2630@ —
smaller lots, drums....lb. .2750@ —
114, 36,000-pound lots single shipments), drums, lb. .2272@ —
ments), drums.....lb. .2317@ —
ton lots, drums.....lb. .2445@ —
smaller lots, drums....lb. .2575@ —
116, 36,000-pound lots (single shipments), drums..lb. .2160@ —
36,000-pound lots ..3 shipments), drums.....lb. .2205@ —
ton lots, drums.....lb. .2327@ —
smaller lots.....lb. .2460@ —
X 315, 36,000 pound lots (single shipment), drums, lb.. .2745@ —
36,000-pound lots (3 shipments), drums.....lb. .2790@ —
ton lots, drums.....lb. .2945@ —
smaller lots.....lb. .31 @ —
821, 36,000-pound lots (single shipment), drums.....lb. .3430@ —
36,000-pound lots (3 shipments), drums.....lb. .3475@ —
ton lots, drums.....lb. .2612@ —
smaller lots.....lb. .2750@ —
829, 36,000-pound lots (single shipment), drums. lb. .2025@ —
36,000-pound lots (3 shipments), drums.....lb. .2070@ —
ton lots, drums.....lb. .2185@ —
smaller lots.....lb. .23 @ —

Rezyl, solid (Continued):—
859, 36,000-pound lots (single shipment), drums.....lb. .2205@ —
36,000-pound lots (3 shipments), drums.....lb. .2250@ —
ton lots, drums.....lb. .2375@ —
smaller lots, drums....lb. .25 @ —
1102, 36,000-pound lots (single shipment), drums.lb. .2543@ —
36,000-pound lots (3 shipments), drums.....lb. .2587@ —
ton lots, drums.....lb. .2731@ —
smaller lots, drums....lb. .2875@ —
1105, 36,000-pound lots (single shipment), drums.lb. .2272@ —
36,000-pound lots (3 shipment), drums.....lb. .2317@ —
ton lots, drums.....lb. .2446@ —
smaller lots, drums....lb. .2576@ —

Rezyl, solutions, f.o.b. sellers' works freight allowed East, No. 12, solution E, or No. 12H, solution O, 3,700-gallon lots (single shipment), drums.....lb. .1588@ —
3,700-gallon lots (3 shipments), drums.....lb. .1643@ —
ten drum lots.....lb. .1697@ —
smaller lots, drums....lb. .1750@ —
19, solution L, 3,700-gallon lots (single shipment), drums.....lb. .1686@ —
3,700-gallon lots (3 shipments), drums.....lb. .1715@ —
ten drum lots.....lb. .1770@ —
smaller lots, drums....lb. .1825@ —
83, solution F, 3,700-gallon lots (single shipment), drums.....lb. .2186@ —
3,700-gallon lots (3 shipments), drums..lb. .2232@ —
ten drum lots.....lb. .2303@ —
smaller lots, drums....lb. .2375@ —
110, solution C, 3,700-gallon lots (single shipment), drums..lb. .1927@ —
3,700-gallon lots (3 shipments), drums.....lb. .1974@ —
ten drum lots.....lb. .2037@ —
smaller lots, drums....lb. .21 @ —
115, solution G, 3,700-gallon lots (single shipments), drums..lb. .1786@ —
3,700-gallon lots (3 shipments), drums.....lb. .1833@ —
ten drum lots.....lb. .1891@ —
smaller lots, drums....lb. .1944@ —
114, solution J, 3,700-gallon lots (single shipment) drums..lb. .1692@ —
3,700-gallon lots (3 shipments), drums..lb. .1739@ —
ten drum lots.....lb. .1794@ —
smaller lots, drums....lb. .1850@ —
117, solution P, 3,700-gallon lots (single shipment), drums..lb. .2021@ —
3,700-gallon lots (3 shipments) drums.....lb. .2068@ —
ten-drum lots.....lb. .2134@ —
smaller lots, drums..lb. .22 @ —
775, 3,700-gallon lots (single shipment), drums.....lb. .1360@ —
3,700-gallon lots (3 shipments), drums..lb. .1316@ —
ten drum lots.....lb. .1358@ —
smaller lots, drums....lb. .14 @ —
821, 3,700-gallon lots (single shipment. drums..lb. .1692@ —
3,700-gallon lots (3 shipments), drums..lb. .1739@ —
ten-drum lots.....lb. .1794@ —
smaller lots, drums....lb. .1850@ —

Paranol—Wersmithco Waxes

Rezyl, solution (Continued):—
A102, solution A, 3,700-gallon lots (single shipment) drums..lb. .1410@ —
3,700-gallon lots (3 shipments) drums..lb. .1457@ —
ten drum lots.....lb. .1503@ —
smaller lots.....lb. .1550@ —
Soligen drier, liquid cobalt 6%, works, 10-drum lots..lb. .33½@ —
1-9 drums.....lb. .35½@ —
lead 18%, works, 10-drum lots. lb. .12 @ —
1-9 drums.....lb. .14 @ —
lead 26%, works, 10-drum lots. lb. .19 @ —
1-9 drums.....lb. .21 @ —
manganese, 6%, works, 10-drum lots..lb. .14 @ —
1-9 drums.....lb. .16 @ —
zinc 7% works, 10-drum lots, drums..lb. .15 @ —
1-9 drums.....lb. .20 @ —
solid, cobalt, works, 10-drum lots..lb. .45 @ —
1-9 drums.....lb. .47 @ —
lead, works, 10-drum lots..lb. .34 @ —
1-9 drums.....lb. .36 @ —
lead-cobalt, works, 10-drum lots..lb. .39 @ —
1-9 drums.....lb. .81 @ —
lead-cobalt-manganese, works, 10-drum lots..lb. .30 @ —
1-9 drums.....lb. .33 @ —
lead-manganese, works, 10-drum lots..lb. .24 @ —
1-9 drums.....lb. .26 @ —
manganese, works, 10-drum lots..lb. .24 @ —
1-9 drums.....lb. .26 @ —
Surfex, car lots, f.o.b. sellers' works freight allowed up to 25c. per 100 pounds, bags..ton.65.00 @ —
Tegiac, f.o.b. sellers' works, freight allowed East, No. 15, 36,000-pound lots (single shipment) drums, lb. .1260@ —
36,000-pound lots (3 shipments) drums..lb. .1305@ —
ton lots, drums.....lb. .1377@ —
smaller lots, drums.....lb. .1450@ —
Z152, 36,000-pound lots (single shipment), drums..lb. .1850@ —
36,000-pound lots (3 shipments) drums..lb. .1895@ —
ton lots, drums.....lb. .1473@ —
smaller lots, drums.....lb. .1550@ —
Z354, 36,000-pound lots (single shipment) drums.....lb. .1035@ —
36,000-pound lots (3 shipments) drums..lb. .1080@ —
ton lots, drums.....lb. .1140@ —
smaller lots, drums.....lb. .1200@ —
Varcum, No. 250, f.o.b. works, 25-drum lots, drums..lb. .46 @ —
10-24 drums.....lb. .47 @ —
1-9 drums.....lb. .48 @ —
250 F, f.o.b. works, 25-drum lots, drums..lb. .48 @ —
10-24 drums.....lb. .49 @ —
1-9 drums.....lb. .50 @ —
700, f.o.b. works, 25 drum lots drums..lb. .30 @ —
10-24-drum lots, drums...lb. 31 @ —
1-9-drum lots, drums.....lb. .32 @ —
Wersmithco waxes., No. 100, bgs., wks..lb. .20 @ —
200, bgs., wks.....lb. .21 @ —
300, bgs., wks.....lb. .24 @ —
400, bgs., wks.....lb. .15 @ —
500, bgs., wks.....lb. .14 @ —
600, bgs., wks.....lb. .15 @ —
700, bgs., wks.....lb. .16 @ —
800, bgs., wks.....lb. .20 @ —

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries — Descriptions—Directory of Manufacturers

Fully Protected by Copyright

Fortieth Instalment

Freon-11 (Trichloromonofluoromethane; Kinetic Chemicals, Inc., Wilmington, Del.

Freon-12 (Dichlorodifluoromethane); Kinetic Chemicals, Inc., Wilmington, Del.

Freon-21 (Dichloromonofluoromethane); Kinetic Chemicals, Inc., Wilmington, Del.

Freon-113 (Trichlorotrifluoroethane); Kinetic Chemicals, Inc., Wilmington, Del.

Freon-114 (Dichlorotetrafluoroethane); Kinetic Chemicals, Inc., Wilmington. Del.

Furine coaltar colors; Society of Chemical Industry in Basel, Basel, Switzerland.

Furol dyes; Tower Manufacturing Company, New York.

Fusalox (Fused aluminum silicate); Foote Mineral Company, Philadelphia.

Fybrol; oil for wool; L. Sonneborn Sons, Inc., New York.

Fyrex; fireproofing compounds; Victor Chemical Works, Chicago.

F-11 (Trichloromonofluoromethane); Kinetic Chemicals, Inc., Wilmington, Del.

F-12 (Dichlorodifluoromethane); Kinetic Chemicals, Inc., Wilmington, Del.

F-21 (Dichloromonofluoromethane); Kinetic Chemicals, Inc., Wilmington, Del.

F-113 (Trichlorotrifluoroethane); Kinetic Chemicals, Inc., Wilmington, Del.

F-114 (Dichlorotetrafluoroethane); Kinetic Chemicals, Inc., Wilmington, Del.

G Brand silicate of soda; for refractory cements; Philadelphia Quartz Company, Philadelphia.

GAF antifreeze liquid; C. J. Schellings Company, New York.

Galagum; edible gum; Glyco Products Company, New York.

Galagum C; refined vegetable gum; substitute for eggs in food products; Glyco Products Company, New York.

Gallicol synthetic perfumes and oils; Usines d L'Allondon S. A., La Plaine, Switzerland.

Gallopont dyestuffs; E. I. du Pont de Nemours & Co., Wilmington, Del.

Galo; solvent for collodion; Glazo Company, Cincinnati.

Garca petrolatum greases and oils; Standard Oil Company of New Jersey, Bayonne, N. J.

Gardinol; sulphonated fatty alcohols; E. I. du Pont de Nemours & Co., Wilmington, Del.

Gardol; dechlorinated oils with or without resin additions; Dr. Henry A. Gardner, Washington.

Gasco carbon black; United Oil & Natural Gas Products Corporation, Monroe, La.

Gasil; silica gels for absorption of chemicals; Joseph Crosfield & Sons, Ltd., Warrington, England.

G. B.; solvent for cellulose compounds; F. S. Bayley Clanahan Company, Manchester, England.

G.B.S. soda and sodium bisulphate; Grasselli Chemical Company, Cleveland.

GC hydrated and anhydrous silicate of soda; Philadelphia Quartz Company, Philadelphia.

Gelawax; substitute for paraffin; Glyco Products Company, New York.

Geltan; tanning material; Geltan Company, New York.

Gelva; synthetic resinous material; Shawinigan Products Corporation, New York.

Gelva (Polyvinyl acetate); Shawinigan, Ltd., London, England.

Genung essential oils and aromatic chemicals; Samuel Greiner Company, New York.

Geranole dyes; Grasselli Chemical Company, Cleveland.

Geranoxide; synthetic perfume bases; Compagnie Morana, New York.

Gerbinal; products for tanning leather; I. G. Farbenindustrie A. G., Frankfort-on-Main, Germany.

(To be continued)

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Benzin.—Uruguay, at the request of domestic interests manufacturing paints and varnishes, has reduced the import duty on heavy benzin with a density of 0.771 at 15 degrees, flash point 26 to 28, and distilling at 90 to 190 degrees, to 10 percent plus a surtax of 16 percent, of an official customs valuation of 0.10 peso per liter.

Calcium Fluoride.—Uruguay has reduced the official customs valuation on calcium fluoride from 56 to 9 peso per 100 gross kilos, thereby proportionately reducing the import duty on this product, which is 5 percent, plus a surtax of 4 percent of the official valuation.

Chemical Mixtures.—China has modified its import prohibitions to permit the importation of chemical mixtures containing more than 20 percent of chloride of soda for the purpose of scientific experiment or medicinal use when authorized under a conveyance certificate issued by the salt administrator. The net weight of chloride of soda in each such consignment is not to exceed 200 market catties. One cattie equals 1⅓ pounds.

Explosives Chemicals.—China has limited the amount of certain materials used in the manufacture of explosives which may be imported under a single permit, as follows:—saltpeter, sulphur, muriate of potash, chlorates, including chlorate of potash, and perchlorates, including perchlorate of potash, 5,000 market catties per permit; nitric acid, sulphuric acid, phosphorus, red and white, carbides, azides, fulminates, picrates and oil of mirbane, 2,000 catties per permit. One cattie equals 1⅓ pounds.

Kerosene.—Finland has removed the import duty on kerosene.

Linseed Meal.—New Zealand has removed the sales tax from linseed meal, whether imported or of local manufacture.

Oil Cake.—Finland has reduced the import duty on oil cake.

Parraffin.—Uruguay, at the request of domestic match manufacturers, has reduced the duty on paraffin for making matches to 10 percent plus a surtax of 16 percent of an official customs valuation of 0.20 peso per kilo. Paraffin for making match stems will be exempt from the requirement for payment of 25 percent of the import duty in gold.

Poisons.—New Zealand has issued new import regulations, requiring that imports of arsenic and arsenical salts and their preparations including arsenates and arsenites, cyanides of calcium, potash and soda, and prepartions thereof, and strychnine and salts of strychnine, are to be packed in hermetically sealed iron or steel drums, or in hermetically sealed tin or zinc cases inclosed in strong iron-bound wooden cases. The word "Poison" in letters not less than two inches in height and the true name or description of such poison or poisonous substances must be legibly marked on the external package or container. Other poisons must be strongly and securely packed.

Soda Nitrate.—Czechoslovakia has concluded negotiations with Chile in regard to soda nitrate imports from Chile and has set the quota for 1936 at 7,000 metric tons, against a quota of 7,750 metric tons in 1935.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Coaltar:—Purchase, Bangkok, Siam (282).

Oil, cottonseed, refined: — Purchase, Kobe, Japan (289).

Polishes and nitrocellulose lacquers for automobiles.—Agency. Biel-Bienne, Switzerland (283).

Yeast, dried, in flakes, for cattle feed:—Purchase, London, England (287).

Petroleum refining in New York State would be taxed 2 cents per gallon of "product derived by refining the spirits of crude or petroleum oil" under the terms of a bill (S. 266, A. 259) introduced in the legislature by Senator Hendel and Assemblyman Cariello. Refined products imported into the State would also be subject to the tax to the extent permitted by Federal laws.

ESTABLISHED
1849

UNIFORMITY
THE ESSENCE OF
QUALITY

TARTARIC ACID

POWDERED GRANULAR CRYSTAL

CREAM TARTAR

POWDERED CRYSTAL

ROCHELLE SALT

POWDERED GRANULAR CRYSTAL

CHAS. PFIZER & CO., INC.

Manufacturing Chemists

81 MAIDEN LANE
NEW YORK, N.Y.

PFIZER
QUALITY

Established 1849

444 W. GRAND AVE.
CHICAGO, ILL.

Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Reporter, Inc., 12 Gold Street New York

Telephone John 4-2357; Cable Address, Reporter

Volume 129 | MARCH 2, 1936 | Number 9

MAR 3 1936 LIBRARY THE CHEMICAL

Revise the Drug Law

Why the revising of the Federal food and drugs act languishes in the lower house of Congress is currently being explained—or excused—with a score of reasons. Few of these appear to make sense of other than the sort with which political abstruseness must be interpreted. But, as one Washington observer puts it:—"You can believe anything you hear about the food and drug bill and still be right."

All this delay and the many, often contradictory reasons offered therefor are disturbing to manufacturers of drugs who earnestly desire that the food and drugs law be amended to accomplish the fundamental purposes with which the movement for revision was launched many months ago. They feel that all the unreasonable and unnecessary proposals originally made were eliminated in the consideration of the successive measures in the senate. And it cannot justly be said that the purpose of the bill was weakened from the standpoint of the public welfare in the evolution of the measure passed by the senate.

The fundamental need for revision of the food and drugs act has not been lessened during the months that have passed since revision was first undertaken. This need is greater than political expediency, greater than that for campaign material of the bogeyman type. Therefore, neither political deals nor the ambitions of authorship justify further delay of favorable consideration of S. 5 by the house. There is no reason to believe that further delay will result in the enactment of a law that will be better in any respect. Why, then, delay?

Those who oppose the passage of S. 5 by the house on the ground that, because this bill is acceptable to drug manufacturers whose activities would be affected thereby, it must be objectionable from the viewpoint of the public, are either poorly informed or much prejudiced. The members of the drug industry who have accepted S. 5 are greatly in the minority, and the majority is uncompromisingly opposed to the measure or any other approaching it in rigor of regulatory provisions. (Of a thousand expressions of views of drug and cosmetic manufacturers on the matter, received in a survey by *The Druggists Circular,* 70 percent were in opposition to the Copeland bill.) So, S. 5 is not a conciliatory compromise with those who "desire to be unrestrained in the plying of their nefarious trade"—as the maligners of the drug industry express it. Support for the measure comes only from those members of the industry who earnestly desire to rid their calling of objectionable practices.

The Federal food and drugs act is in need of strengthening. This need is adequately met in the provisions of S. 5. Therefore the passage of this bill by the house without further quibbling or delay is highly desirable, even from the standpoint of political sagacity. Completion of the important task of revising the Federal food and drugs law is not being blocked by the members of the drug industry. The public interest demands that interference with the completion of the half-finished work of revision, whatever may be the obstructive influences, be no longer tolerated.

'Independents' Day'

Exercising their constitutionally assured right of petition, a large number of operators of individually owned retail businesses will assemble in Washington March 4 to discuss with those who represent them in Congress the matter of legislative relief from certain evils of trade. These so-called "independent" retailers are particularly concerned with the importance of informing their lawmaking representatives of their belief in the necessity that they be afforded legislative protection against discriminatory practices which put them at a serious disadvantage in competition with chain stores.

It is not definitely known whether the embattled retailers will advocate the passage of any one of the many pending measures directed to some or other of their desires for legislative assistance. It is too much to expect that they will be sufficiently familiar with the actual import of these various bills to make a selection. It must be said that they have much to pick from.

In spite of all the talk about the inefficiency and other faults to which the ills of the individual retailer are attributed by his competitors, it is clear that in many instances he does not get a fair deal. The reasons why he is discriminated against are many. Most of them persist in spite of earnest desires of many manufacturers to stabilize their distribution: the difficulty of finding and applying a legal remedy has been demonstrated time and again.

Because foresighted manufacturers appreciate the value to themselves of an adequately maintained service of individual distributors, the interest of manufacturers in the endeavors of the retailers to escape from their plight is more than perfunctory. But, like the victims of unfair competition in price at retail, these manufacturers are at a loss to evaluate accurately the proffered legislative remedies.

They recognize in the Robinson-Patman bill, for example, a purpose that is commendable; they cannot foretell whether this bill as a law would measure up to that purpose. Believing in the purpose of the State fair trade acts which legalize price-maintenance contracts, manufacturers look upon the Tydings bill as a necessary complement of the effectiveness of these acts. But, again they are not certain that this measure would provide substantial relief.

It must be recognized that laws such as are proposed in the Robinson-Patman and Tydings bill are of more avail psychologically than they are for direct relief. This fact is better appreciated than is the other and more important one that the usefulness of any law is directly proportionate to the use that is made of it. It is all too often the case that the mere getting of a law directed to a certain purpose is accepted as the attainment of that purpose. In the first place, the actual effectiveness of the law is not analyzed or understood. In the second place, the presence of the law on the statute books is accepted as sufficient assurance that all will be well.

The Robinson-Patman bill would prohibit discriminatory concessions by manufacturers to distributors. It would not put an end to advantages enjoyed by certain distributors; because, although these would be opened to all, most other distributors would not be in position to qualify for them. The Tydings bill, while it would make the doing easier, could not do more than the State laws to which it applies. It would facilitate the making of contracts under State fair trade acts, but it would not open interstate commerce to the shipment of goods under such contracts.

These are matters with which the assembled retailers must concern themselves on their "Independents' Day." They call also for the careful consideration of manufacturers; because to find after a law has been enacted that it will not do what was expected of it leaves matters worse than they would have been had the law not been passed. Independence Day was but a beginning. "Independents' Day" likewise will be followed by the necessity for much vigorous and at times discouraging effort.

Light Without Heat

Long have the physicists sought to fathom the secret of the firefly's process of producing light unattended by heat. Their science may some day reward their endeavors, and doubtless the result will be beneficial to the human race. Sociologists have a similar problem in connection with the commendable purpose of improving human relationships. There can be no question of the value to mankind of the discovery and utilization of means of providing illuminative consideration of human problems without the customary, overwhelming accompaniment of acrimonious heat.

Although he spoke with reference to political campaigning, the words of one of the country's leading industrialists in a recent public address are pertinent to all discussions. He said:—

> **One welcomes careful analysis and fearless debate, which aid us to find our way. We need, as never before, cool heads. We need, as never before, to avoid prejudice and passion. We need, as never before, to escape the heat and to seek the light.**

In the general application of that advice, it is important to add to the things to be avoided one other—selfishness. Thus emended, that dictum stands as a bright beacon of the highest human achievement. Must it be said that the goal is too high? If a firefly can contrive a mechanism whereby physical light can be produced without heat, cannot man, gifted (reputedly) with superior intelligence, achieve the production of ethical enlightenment without consuming his mental and physical substance in heat engendered by narrowness?

That it is possible to discuss highly controversial subjects illuminatingly without becoming unduly heated was demonstrated in the joint sessions of manufacturers and distributors as a part of the meeting of the Federal Wholesale Druggists Association last week. The relationships of manufacturers and distributors in the drug industry have been seriously strained for some months; they have given rise to heated discussions, at least intermittently, for many years. But, there are cool heads in the industry, heads which realize the necessity and desirability of avoiding heat and seeking light which all know to be prerequisite to the mutual understanding that is essential to the improvement of trade relationships. Hence the cool, but frank discussions in the F. W. D. A. meeting need astonish only those who for wholly selfish reasons hold the erroneous belief that heated argument is the only means of settling differences.

It is obvious then that it is far easier sociologically than it is physically to produce and apply light without heat. Of course to do so would be to interfere with the "constitutional rights" of those whose place in their particular niche is maintained by their ability to "put on" more heat than can be applied by those who have a different view of things. It is desirable, however, that these "rights" be seriously questioned. And it is doubtful, at best, that they could stand even a little analytical illumination.

Chemical Employment in January Showed Loss

Payroll Totals Also Declined 2.87 Percent Below December Figure

Factory employment in the manufacture of chemicals and related products in the United States recorded a decrease from December 15, 1935, to January 15, 1936, a drop of 1.36 percent being reported by the Bureau of Labor Statistics. At the end of the period employment stood 1.10 percent above the corresponding level of 1935. Payroll totals in factories in the chemical group of industries decreased 2.87 percert during the monthly period, and stood 6.87 percent above the corresponding level of 1935.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries January 15, 1936, was 109.6 (100 = 1923-25 average), compared with 111.1 for December, and 108.4 for January, 1935. The bureau's index number (same basis) for payroll totals in the chemical factories was 97.9 at January 15, 1936, compared with 100.8 for December, and 91.6 for January, 1935.

The bureau's general index numbers for all manufacturing industries, January 15, 1936, show the following:—

	Jan.	Dec.	Jan.
Employment	83.1	84.6	78.8
Payroll totals	72.2	76.6	64.3

Employment in the chemical group of industries January 15, 1936, was 31 percent above the general average for all industries, and 39 percent above the general average for January, 1935. Payroll totals in the chemical group of industries January 15, 1936, was 35 percent above the general average for all industries, and 42 percent above the general average for January, 1935.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics' January 15 index numbers for the chemical group of industries, shows the following comparisons:—

Employment

(100 = 1923-25 Average)

	Jan. 1936.	Dec. 1935.	Jan. 1935.
Chemicals	107.4	108.8	108.0
Cottonseed oil, cake and meal	73.5	90.5	76.0
Druggists' preparations	97.6	98.8	101.3
Explosives	86.8	86.7	88.1
Fertilizers	92.8	84.5	111.0
Paints and varnishes	107.1	107.9	98.7
Petroleum refining	108.2	109.6	109.0
Rayon and allied products	353.6	357.9	338.0
Soap	97.1	97.3	99.1

Payroll Totals

(100 = 1923-25 Average)

	Jan. 1936.	Dec. 1935.	Jan. 1935.
Chemicals	99.7	102.1	90.8
Cottonseed oil, cake and meal	75.6	98.0	69.8
Druggists' preparations	95.3	97.2	96.8
Explosives	75.8	76.2	68.3
Fertilizers	79.5	75.2	83.6
Paints and varnishes	91.8	93.7	79.4
Petroleum refining	99.3	104.0	95.2
Rayon and allied products	264.4	268.0	245.4
Soap	94.9	94.6	90.7

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 averages:—

	Employment.		Payroll	
	1936.	1935.	1936.	1935.
Metalliferous mining	54.2	53.5	41.7	43.6
Quarrying and non-metallic mining	39.4	43.1	25.5	29.7
Crude petroleum producing	71.4	72.4	55.7	60.1
Dyeing and cleaning	71.5	73.4	51.6	52.9

Employment in New York

Employment in factories producing chemicals and related products in New York State showed a drop of 0.5 percent from December 15, 1935, to January 15, 1936, according to the records of the State Department of Labor. Employment in these lines decreased 1.2 percent in the city.

General factory employment decreased 1.4 percent during the monthly period in the State, and 1.9 percent in the city. General factory payrolls declined 2.3 percent in the State, and 1.1 percent in the city. The department's general factory index numbers January 15, 1936 (100 = 1923-25 average), were:—Employment, 75.2 (6.5 percent above the 1935 level); payroll totals, 64.3 (10.4 percent above the 1935 level).

Changes in employment in the various divisions of the chemical group of industries were reported as follows:—

(January compared with December)

	Percentages. State.	City.
Paints and colors	—0.8	—0.9
Drugs and industrial chemicals	—1.4	—3.0
Oil Products	—2.0	—0.8
Photographic and miscellaneous chemicals	+1.0	+2.1

Osaka Commercial Museum is arranging a North American exhibition of goods made in the United States and Canada, to be held in Osaka, Japan, during March and April, this year.

Alcohol Labeling and Permit Rules Extended

WASHINGTON, Feb. 27, 1936.

Both house and senate have passed a resolution (S. J. Res. 217) extending the dates for permit and labeling requirements under the federal alcohol control act.

This act prohibited selling alcoholic beverages at wholesale after March 1, 1936, except under permit from the Federal Alcohol Administration, but this date has now been advanced to July 1, 1936. The act also provided that after the same date all labels on alcoholic beverages must be approved by the F.A.A., and this date has now been extended to August 15, 1936, in the case of distilled spirits and December 15, 1936, in the case of wine and malt beverages. The F.A.A. has been unable to complete the preliminary work necessary for issuing permits and approving labels, but expects to have the work completed before the extended time expires.

The senate finance committee has not yet acted on H. R. 9185, an omnibus alcoholic beverage control act, including the Murphy amendment which would require the use of alcohol distilled from cereal grains in all products coming under the beverage alcohol or food and drug acts.

Emerson Drug Wins Suit Against Bromo Chemical

The Emerson Drug Company, Baltimore, manufacturer of "Bromo-Seltzer," has obtained a permanent injunction before Judge William J. Holly in the United States District Court, Chicago, restraining Charlotte Honoroff and Fred. A. Honoroff, trading as the Bromo Chemical Company, from using the words "Bromo," "Bromo, a Superior Seltzer," "Sal de Bromo," or any combination with the word "Bromo." The defendants are also enjoined from using bottles with labels imitating the Emerson product and from inducing retailers to pass off their preparation as the plaintiff's "Bromo-Seltzer" or indulging in other unfair trade practices.

The court held that "great and irreparable damage" had been done to the Emerson company and a permanent injunction was necessary to prevent further damage. Judgment in the sum of $21,034.43 was assessed against the defendants, plus $2,000 master's fees, and costs of the suit.

The defendants are not prevented from marketing their effervescent salt or similar headache remedy in blue bottles if it is described as "Headache Seltzer," "Seltzer Amydipyrine," "Alkaline Effervescent," "Aspirin Seltzer," "Aspir-Seltzer," "Effervescent Aspir-Seltzer," or "Caffine-Aspirin," with or without the prefix "Honoroff's."

Tinplate Scrap Exports Put Under U.S. Control

WASHINGTON, Feb. 24, 1936.

Tin plate scrap has been accorded the status of a munition of war by an executive order issued by President Roosevelt, under which the Secretary of State, in his capacity as chairman of the National Munitions Control Board, is given enforcement of a recent act of Congress for the preservation of domestic sources of tin.

The act provides that after April 15, 1936, no tinplate scrap may be exported from the United States except on license. Licenses are to be issued under conditions and regulations "necessary to assure in the public interest fair and equitable consideration to all producers of this commodity."

Sponsors of the act asserted that foreign competition for tin has forced the price of tinplate scrap in this country to a level which cannot be met by the domestic detinning industry. Because there is virtually no virgin tin in the United States, the War Department considers it essential to protect domestic sources of secondary tin.

Drug Act Enforcement Appropriation Reduced

WASHINGTON, Feb. 26, 1936.

A substantial curtailment in funds for enforcement of the food and drugs act is contained in the Department of Agriculture appropriation bill now pending in the house.

The budget bureau had recommended an appropriation of $2,579,837 for the Food and Drug Administration for the fiscal year ending June 30, 1937; this would be an increase of $611,200 over the appropriation for the current fiscal year. The appropriations committee in writing the bill cut the total by $604,620, recommending $1,975,217. The bulk of the decrease, or $524,620, was taken from the budget for the food and drugs act, leaving $1,537,459 for this purpose, or $3,420 less than the fund for the present year. The remainder of the reduction would come from other acts enforced by the administration. The only explanation given by the committee was that the current appropriation is $250,000 larger than that of the last year and that the food and drugs act can be enforced for the smaller amount.

Meanwhile the Copeland bill (S.5) to revise the food and drugs act remains in the hands of a subcommittee of the house interstate and foreign commerce committee without noticable action. The chairman, Representative Virgil Chapman, of Kentucky, continues to decline to discuss his plans.

March, Thorpe Speakers At Drug Chemical Dinner

Colonel Charles H. March, chairman of the Federal Trade Commission, and Merle Thorpe, editor of "Nation's Business," official organ of the United States Chamber of Commerce, will be the speakers at the eleventh annual dinner of the drug, chemical and allied trades, March 19 in the Waldorf-Astoria hotel, this city, under the sponsorship of the Drug, Chemical and Allied Trades Section of the New York Board of Trade. Ray A. Whidden, president of Bauer & Black, surgical dressings, Chicago will be toastmaster.

Lee H. Bristol, of the Bristol-Meyers Company, and chairman of the program committee of the section, when announcing receipt of acceptances of the section's invitations to Colonel March and Mr. Thorpe, said:

In making this announcement, the committee feels confident that it is offering a program worthy of considerable attention during the times through which we are passing. The Federal Trade Commission, due to legislation now being considered in Washington, is being brought into a position unprecedented in its history. Naturally, no one is in a better position to discuss this than Colonel March, and those attending the annual banquet on March 19 can be assured of a message of outstanding importance. Mr. Thorpe is well known in his capacity of publisher and commentator on current events. He is an interesting speaker and well versed in the problems confronting the nation today.

Reservations to the dnner total one thousand, and 1,200 tickets will be sold for the event this year. Therefore, reservations by those wishing to attend should be made promptly to Ray C. Schlotterer, secretary of the section, 41 Park Row, this city.

California 'Stop Loss' Law Declared Invalid

The superior court in Los Angeles has held unconstitutional the State law prohibiting retail sales of goods below cost, cost being defined in the statute as the replacement cost of the goods plus the seller's overhead.

The adverse decision was given by Judge Kincaid in the action of a retail grocer against a price-cutting competitor. The judge declared that the act violated both the State and the Federal constitutions and had a plain tendency to create and maintain monopoly.

Chemical Prices Average Higher

Advances in prices of major nitrogenous fertilizer materials raised the price average of the markets for heavy and fine chemicals last week. The trend of prices in general was distinctly upward, but it was not strong. Business continued to get duller because of uncertainty arising from tax and other possibilities in Congress, the muddled situation in Europe, and the disturbance in Japan. Buying was further curtailed.

Price advances affected sulphate of ammonia, nitrate of soda, nitrogen solution, red lead, litharge, tin crystals, and tetrachloride of tin. The metallic salts were higher because of advances in the prices of lead and tin. The price of agar-agar was reduced.

The REPORTER's composite index number of prices for heavy and fine chemicals rose from 125.4 to 125.5 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 88.8, against 88.9 at this time last year.

Obituaries

Dr. George D. Rosengarten

Dr. George D. Rosengarten, for twenty-six years vice-president of Rosengarten & Sons, and its successor the Powers, Weightman-Rosengarten Company, Philadelphia, until he retired as a chemical manufacturer in 1927, died in his home in Philadelphia February 24 after an illness of about two years. He was sixty-eight years old.

Dr. Rosengarten had served as president of the American Chemical Society,

Dr. George D. Rosengarten

and the American Institute of Chemical Engineers, and for twenty years was a member of the revision committee of the United States Pharmacopoeia. He was born in Philadelphia and was graduated from the University of Pennsylvania with the degree of Bachelor of Science in 1890. He received a Ph. D. from the University of Jena, Germany, in 1892, and later the University of Pennsylvania conferred on him the honorary degree of Doctor of Science.

Dr. Rosengarten was a fellow of the American Association for the Advancement of Science, a fellow of the American Academy of Arts and Sciences, a member of the American Philosophical Society and the Franklin Institute. His clubs included the Racquet, Rittenhouse of Philadelphia, and Cosmos of Washington. Surviving are his wife; three brothers, Adolph G., Frederic, and Joseph C. Rosengarten and two sisters, Mrs. W. W. Atterbury, widow of the former president of the Pennsylvania railroad, and Mrs. Lewis Neilson.

Adam Buehler

Adam Buehler, traffic manager for George Lueders & Co., essential oil and aromatic chemical merchant, this city,

(Continued on page 32B)

Import Penalties Proposed As Offset for Subsidies

WASHINGTON, Feb. 26, 1936.

Two bills to impose penalty duties on imports from countries giving various forms of export subsidies were introduced in the house today. One bill (H.R. 11475), introduced by Representative Emanuel Celler, of New York, would impose an additional duty equal to the subsidy, which is defined as including a grant to enable sale below the open market value, exemption or remission of taxes, issuance of special currency for facilitating export, or government purchase of goods above the market price to offset export losses.

The bill also provides that, where permission to import goods from the United States into any foreign country is made contingent upon the receiving of a grant or a permit from that foreign country, this shall be considered in the nature of a subsidy and similar articles when imported into the United States from such foreign country shall pay an additional tariff of 40 percent of the invoice or market value.

The other bill (H.R. 11477), introduced by Representative Dow W. Harter, of Ohio, would entirely rewrite the antidumping act of 1921 to include provisions for imposing special dumping duties against goods imported from countries with depreciated, managed, or multiple currency. The bill would also cover exchange or barter transactions by providing that, where merchandise is imported into the United States in exchange or barter for domestic merchandise, the usual export price of merchandise competitive with that exported shall be considered the import value of the imported merchandise.

Robinson-Patman Bill May Be Heard Soon

Price-Discrimination Measure Faces Several Changes In the Senate

WASHINGTON, Feb. 27, 1936.

The senate may take up the Robinson-Patman price-discrimination bill (S. 3154) within a few days, according to present plans, and consideration may start coincident with the "Independents' Day" conference of several thousand individual retail merchants here March 4.

Several amendments may be made to the bill on the floor of the senate. Senator William H. King of Utah has proposed an amendment to provide that—

Nothing in this section contained shall prevent the sale or purchase of crude mineral products or metals in the form in which they are loaded for shipment at prices or terms of sale based upon differences in the grade, quality, or quantity of such products, or that make only due allowance for differences in the cost of selling or transportation, or discrimination in the price of such products in the same or different communities made in good faith to meet competition.

Senator Lewis B. Schwellenbach of Washington has also introduced an amendment to permit price-discriminations or differentials which are based exclusively upon recognized changes in the market price of the product sold. Amendment to recognize the patronage dividends of co-operative enterprises is being sought.

The senate committee on interstate commerce will begin hearings March 3 on the Wheeler-Rayburn bill (S. 3744) to extend the authority of the Federal Trade Commission by giving it power to prohibit unfair acts or practices in interstate commerce.

Narcotics Bureau to Be Definite Entity

WASHINGTON, Feb. 25, 1936.

The administration's revised bill (H. R. 11452) for expansion of the secret service was introduced today by Representative Robert L. Doughton, of North Carolina, chairman of the house committee on ways and means.

The principal changes made in the revision are elimination of the Intelligence Unit of the Bureau of Internal Revenue and retention of the Bureau of narcotics as a definite entity within the Secret Service Division of the Treasury Department. Otherwise the bill remains the same as that introduced a month ago by Mr. Doughton at the request of the department (H. R. 10586). It would transfer to the secret service the functions and personnel of the Alcohol Tax Unit of the Bureau of Internal Revenue, the Customs Agency Service of the Bureau of Customs, and the Bureau of Narcotics, thus giving the secret service responsibility for enforcing practically all laws under the jurisdiction of the Treasury Department with the exception of the income tax law.

The augmented Secret Service Division would be headed by a chief, an assistant chief, and five deputies to be designated chief of the liquor enforcement section, chief of the counterfeiting section, chief of the customs section, chief of the section of personnel, and commissioner of narcotics. The bill would abolish the present posts of commissioner and deputy commissioner of narcotics, deputy commissioner of customs, and assistant deputy commissioner of internal revenue in charge of the alcohol tax unit. Enforcement of all internal revenue laws relating to alcohol or alcoholic beverages would be transferred to the secret service.

In order to meet objections of the Department of State that the original bill would ignore the obligations of treaties for maintenance of a separate narcotic bureau, the revised bill contains a new provision expressly stating that the section of narcotics of the Secret Service Division shall perform all functions under treaties to which the United States is a party, involving co-operation of foreign governments, and all functions relating to co-operation with States, as well as the functions of supervising the legitimate traffic in narcotic drugs.

Narcotic Control Shift Is Opposed at Hearing

WASHINGTON, Feb. 28, 1936.

Opposition to the transfer of the Bureau of Narcotics to the Secret Service Division of the Treasury Department was opened by Rowland Jones, representing the National Association of Retail Druggists, in the hearing on the Doughton bill before the house ways and means committee today.

Mr. Jones asked that the present satisfactory functioning of the Bureau of Narcotics be not disturbed. Expe-

(Continued on page 28)

F.W.D.A. Pledges Manufacturers Full Support in Their Stabilization Efforts

Operating Methods Would Be Adjusted to Carry Out Factor or Consignment Plan—Tydings And Patman Bills Are Endorsed

Pledging its best efforts in support of every earnest movement for the stabilization of prices in the drug trade, the Federal Wholesale Druggists Association, in its midyear meeting in this city February 25 to 27 endorsed pending Federal legislation designed to improve the competitive position of the individual retail druggist. In its proffer of co-operation with manufacturers the association declared that it sought no terms or consideration beyond that given to others performing a similar service. It asked manufacturers, however, to be mindful of the basic feature of co-operative wholesaling—the distribution of earnings among participating members as patronage dividends proportioned to purchases.

Particular attention was given to the possibilities of the factor and consignment plans of distribution. Although it was appreciated that plans of this type are not the easiest to comply with in operating, because of the records required, the association's members agreed that they would make every effort to adjust their operating methods as might be required for satisfactory functioning under any such plan that promised to stabilize the profits of individual retailers.

By resolution the association endorsed the Tydings bill for a Federal enabling act complementary to State fair trade laws. A Federal act was regarded as necessary and of some practical usefulness in this connection.

Patman Bill Change Asked

The association endorsed the Robinson-Patman bill against price-discrimination with the reservation that the measure be amended to recognize the right of a cooperative organization to pay patronage dividends. The endorsing declaration was as follows:—

L. E. Seiberlich
President of F.W.D.A.

The Federal Wholesale Druggists Association, in midwinter convention assembled in New York, February 25, 26, and 27, 1936, endorses the Robinson-Patman bill as reported to the senate provided the following provision is made a part of the bill:—

"Nothing in this section shall prevent a co-operative association from returning to producers or consumers, or a co-operative wholesale association from returning to its constituent retail members, the whole or any part of the net profits resulting from its trading operations in proportion to purchases from or sales to the association.

This association, composed of co-operative wholesale drug companies, and serving 15,000 individual retail druggists as member-customers, is fully in accord with the object the Robinson-Patman bill is designed to accomplish, and in asking that the foregoing provision be incorporated in the bill, the association is only seeking to protect this important branch of the drug industry that might otherwise be injured by interpretation of the bill if it became a law without the foregoing clarifying provision.

The association voted objection to the proposed placing of the Bureau of Narcotics under the Secret Service Division of the Treasury Department.

Relations with Manufacturers

Manufacturers selling to the drug trade were urged in a resolution adopted by the association to consult and confer with a duly accredited officer of the association before adopting new plans of merchandising and distributing or making changes in existing plans, which will have a definite effect on the interests of the 15,000 retailers served by F.W.D.A. members.

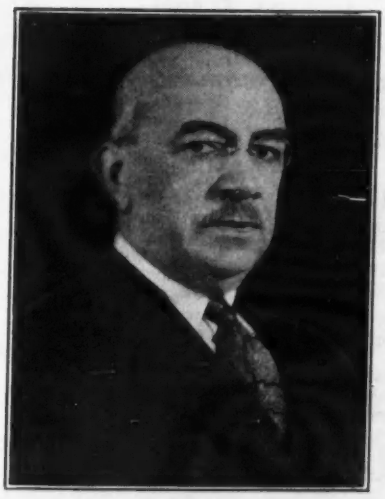
Appropriate authority was given to the secretary to represent the association in this matter, and the secretary was instructed to arrange to confer with any manufacturer for consideration of distributive plans.

Price stabilization was the major topic in the open discussion of relations of manufacturers with co-operative drug wholesalers, in the joint sessions of the active and associate members of the association, February 25. The discussions, while frank, were calm and deliberate, and the outcome was a better understanding on both sides.

The forenoon and afternoon joint sessions were attended by representatives of twenty active members and about thirty associate members. The first session was opened by L. E. Seiberlich, of the Northwestern Drug Company, Minneapolis, president of the association, and by him turned over to S. Barksdale Penick, of S. B. Penick & Co., botanical drugs, this city, who was acting as chairman of the associate members group, Turner Currens, the chairman, being in Hawaii, and Joseph C. Hearn, who was to have presided, being ill. Mr. Penick asked that both classes of members contribute freely to the frank comment and suggestion on their mutual relations, which was the purpose of the session.

Co-operative's Position

An able and informative presentation of the position of co-operative drug wholesalers with respect to the price-stabilization movement was made by R. E. L. Williamson, of the Mutual Drug Company, Baltimore, secretary of the association. Mr. Williamson reviewed the efforts for price maintenance that had been continuously made since the beginning of the present century. He told of the unsuccessful attempts to remedy the price-cutting evil by law. He related the downfall of



R. E. Lee Williamson
Secretary of F.W.D.A.

the contractual method in the Indianapolis degree in the famous "drug trust" suit by the government. He discussed then the latest method, that popularly known as selective distribution.

Practicable selective distribution is not easy, Mr. Williamson said, chiefly because of the apparent impossibility of co-ordinating the processes as they apply to wholesalers and to retailers. In practice, he said, the result was selection with respect either to wholesalers or to retailers, and the construction of a continuous set-up was handicapped by the restrictions of the Federal laws upon agreements in interstate commerce. In this connection he pointed out how the effectiveness of so-called "fair trade" State laws authorizing price-maintenance contracts was hampered, and he told of the purpose of remedying this by means of a Federal enabling act. Commenting on the invalidation of the New York fair trade act in the necessary restraint on price-cutting by dealers who refuse to make contracts with manufacturers, Mr. Williamson said

(Continued on page 32A)

Chemical Labor Schedules Held

NRA Wages, Hours Maintained By 58% of Firms Selling To Government

SOME RAN BETTER

Conformity Affected 64% of Workers—Records of Divisions Vary

WASHINGTON, Feb. 27, 1936.

More than half of the firms holding government contracts for chemicals and related products continued to maintain code wages and hours after May 27, 1935, when the supreme court invalidated the NRA it is revealed by a report compiled by the Government Contracts Division of NRA, which has now been transferred to the Department of Labor.

The survey covered a total of 3,507 firms with government contracts, of which, 231 firms, with employees totaling 61,916, were classified as manufacturers of chemicals and related products. Of the total number of firms in all industries, 1,912, employing more than 977,000, maintained NRA wage and hour provisions; while 1,448 firms, employing more than 405,000, did not, the survey showed. For a number of the contracting concerns returns were missing or incomplete.

The figures for the chemical and allied products industry showed that 134 establishments, with 39,646 employees, maintained both wage and hour provisions; while forty firms, employing 6,003 persons, conformed in neither. Twenty-seven firms, employing 5,848 persons, conformed to wage provisions but not hours; seven, with 2,190 employees, maintained maximum hours but not minimum wages. In the case of four firms, with 305 employees, wages went up while hours remained the same, one firm, employing twenty, reduced hours but not wages; and one establishment, employing thirty-five, raised both wages and hours.

In Chemical Plants

The largest classification within the chemical and related products group is for chemical plants, and shows that there were sixty-eight contracting firms with 24,175 employees. Of these, forty-one firms, employing 19,126, conformed to NRA provisions as to both wages and hours, and eighteen plants, employing 4,732 persons, conformed to wage regulations but not hours. Two firms, with 282 employees, raised wages while hours remained the same, and one, with thirty-five employees raised both wages and hours.

The paint, varnish and lacquer manufacturing group showed that sixty-three firms holding government contracts had 13,356 employees. Of these, thirty-five firms, with 3,256 employees, conformed in both hours and wages; while nineteen firms, employing 2,237, conformed in neither. Two establishments, with 209 employees, conformed to wage standards but not hours, and one, with fifteen employees conformed in hours but not wages. One firm, employing twenty people, reduced hours but left wages at the NRA minimum.

In the pharmaceutical and biological group, twenty-seven firms had 10,179 employees, and of these, seventeen, em-

(Continued on page 28)

Dumping Act Authority Held by Customs Court

WASHINGTON, Feb. 24, 1936.

The United States Court of Customs and Patent Appeals today upheld its authority to review cases arising under the antidumping act of 1921 in denying the petition of the Manahan Chemical Company to dismiss an appeal involving the importation of sulphate of ammonia.

The antidumping law provides that controversies under it shall be handled like other customs matters, and the importer relied on the fact that when it was passed the tariff act of 1913 was in effect, including a provision that the board of general appraisers was to have final jurisdiction in customs matters. The court pointed out that the tariff act of 1922 and subsequent tariff acts changed the board of general appraisers to the customs court and provided that appeals might be taken to the court of customs and patent appeals. Relying on rules of statutory interpretation, the court held that it was the intent of Congress to include antidumping cases in the procedure set up for other customs controversies, and denied the petition. The case will be heard later on its merits.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in the Chemical Processing Industries

Fully Protected by copyright

One-hundred-thirteenth Instalment

Inks

Emulsifiers (Dispersion Agents) Used in Inks

(Continued from February 24 issue)

Potassium betatetrahydronaphthalenesulphonate
Potassium eleostearicsulphonate
Potassium heptylnaphthalenesulphonate
Potassium hexylnaphthalenesulphonate
Potassium isoallylnaphthalenesulphonate
Potassium oleoabietate
Potassium pentanaphthalenesulphonate
Potassium ricinoleicsulphonate
Ricinoleic acid
Rosin
Rosin soap
Saponified oils
Saponin
Sludge sulphonate
Soap
Sodium alginate
Sodium allylnaphthalenesulphonate
Sodium alphatetrahydronaphthalenesulphonate
Sodium benzylanthranilate
Sodium betatetrahydronaphthalenesulphonate
Sodium betatetrahydronaphthalene-6-sulphonic acid
Sodium citrate
Sodium eleostearicsulphonate
Sodium oleate
Sodium pentylnaphthalenesulphonate
Sodium propylnaphthalenesulphonate
Stearic acid
Sulphonated oils
Sulphite liquors
Tragacanth
Triamylamines
Triethanolamine
Triethanolamine linoleate
Triethanolamine oleate
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Trisodium phosphate
Turkey red oil
Vegetable oils, sulphonated
Wool grease
Zinc salt of sterylparatoluenesulphonimide

Extracts Used in Making Writing Inks

Berry juices
Bird cherry
Black elder
Chestnut cutch
Elm wood
Extract of unripe fruits
Fir bark
Horsechestnut
Logwood
Oak bark
Pine bark
Sloe
Walnut

Hygroscopic Agents for Copying Inks

Calcium chloride
Dextrin
Glucose
Glycerin
Sugar

Ingredients of Drawing Inks (to Make Waterproof)

Aqua ammonia
Borax
Cellulose esters
Cellulose ethers
Shellac

Ingredients of Indelible Inks

Acacia
Alum
Anilin oil
Asphaltum
Carbon bisulphide
Carbon tetrachloride
Logwood extract

Ingredients of Metallic (Lustrous) Inks

Acacia
Acetic acid
Alcohol
Alumina white
Aluminum hydroxide
Ammonium carbonate
Anilin chloride
Aqua ammonia
Barium chloride
Barium sulphate
Blanc fixe
Bronze powders
Calcium carbonate
Calcium sulphate
Carbon
Carbon black
Casein
Castor oil, sulphonated
Chrome yellow
Citric acid
Cobalt driers
Copper, powdered
Dextrin
Driers
Dyes
Formaldehyde
Gallotannic acid
Gelatin
Glycerin
Graphite
Glue
Gold
Gypsum
Ferrous sulphate
Kelp
Lampblack
Lead driers
Lead iodide
Linoleates
Linseed oil
Litho varnish No. 248
Magnesium sulphate
Manganese driers
Metallic resinates
Milori blue
Mineral oil
Mucilage
2-Naphthol-3:6-disulphonic acid
6-Naphthol red
Oxalic acid
Para-aminophenol
Para-aminophenol chloride
Paranitroanilin red
Paraphenetitide
Paraphenylenediamine
Perilla oil
Petroleum
Ponceau 3R
Potassium carbonate
Potassium ferriferrocyanide
Pyrogallol
Rosin
Rosin oil
Sodium acid sulphide
Sodium bicarbonate
Sodium chloride
Sodium sulphate
Tannic acid
Tartaric acid
Tin foil
Titanium oxide pigment
Titanium dioxide
Titanium pigments
Toluidin reds
Tung oil
Vanadium driers
Vermilion
Whiting

Ingredients of Washable Inks

Alcoholic acetic acid
Castor oil and cinnamaldehyde
Carbon black
Methanol
Nigrosin
Phenol

Ingredients of Waterproof Inks

Hematin extract
Ferric acetate, formate sulphite or hyposulphite acidic dye
Solution in benzyl alcohol of a basic dye (triphenyl methane group) in an amyl acetate or aceton solution of a cellulose ester and glycerin

Inks for Printing on Fruits

Bakelite A in solution with amyl alcohol, alcohol, or methanol, plus phenolic solution of spirit color
Cellulose esters, casein, gelatin in linseed oil and acetic acid, plus color

Inorganic Chemicals as Colors in Inks

Alumina white
Antimony oxides
Barium titanate
Barytes
Blanc fixe
Bronze variety of ferroferricyanides
Calcium antimonate
Calcium sulphate
Carbon black, 01, 11, 6618
Carbon black GA
Charcoal
Chinese blue
Chrome green
Chrome yellow
Chromium sulphate
Cobalt oxide
Cobalt ultramarine blues
Cobaltic sulphate
Cryolite
Drop black
Feldspar
Frankfort black
Gas black
Gold bronze
Graphite
Gypsum
Iron blues
Iron oxides
Lampblack
Lead carbonate, basic
Lead chromate, basic
Lead sulphate, basic
Litharge
Metallic whites
Ochers
Orange mineral
Phosphomolybdic acid
Potassium antimonate
Potassium ferriferrocyanide
Prussian blue
Siennas
Soluble blue
Sodium antimonate
Soot
Titanium dioxide
Titanium oxide
Umbers
Ultramarine blue
Vermilion
White lead
Whiting
Zinc oxide
Zirconates
Zirconium salts

Odorants for Inks

Acetaldehyde
Acetophenone
Amyl acetate
Amyl benzoate
Amyl butyrate
Amyl cinnamate
Amyl salicylate
Amyl valerianate
Amylcinnamic aldehyde
Anise
Anise oil
Anisic aldehyde
Bay oil
Benzaldehyde
Benzophenone
Benzyl acetate
Benzyl alcohol
Benzyl butyrate

(To be continued)

World Chemical Developments

Partly as a result of Germany's national policy of curtailing purchases of foreign materials, imports of Chinese tung oil into that country during the first ten months of last year amounted to only 4,330 metric tons, compared with 7,045 tons for the same period of 1934. Attracted by high prices of tung oil in the United States several consignments were reexported to this country during the latter part of the year.

Canada's fertilizer industry has grown steadily in recent years, the value of output in 1934 reaching $5,500,000 compared with a little less than $4,300,000 during the preceding year, according to information received from Ottawa by the Department of Commerce. In 1934 twenty Canadian plants were producing fertilizers as their major product; 7 in Ontario, 3 in New Brunswick, 2 in Nova Scotia, 3 in British Columbia, 4 in Quebec, and one in Prince Edward Island. In addition, fertilizer materials such as calcium cyanamide, ammonium sulphate, animal tankage, and fish fertilizers, were made in establishments classified under other industries. A substantial share of the production of materials, valued at $3,000,000 in 1934 and $1,700,000 in 1933 entered export channels.

The national policy of China to develop domestic manufacturing industries, particularly in the chemical field, has been progressively successful in recent years, according to C. C. Concannon, chief of the chemical division of the Bureau of Foreign and Domestic Commerce. A fertilizer plant constructed by the reconstruction division of the Kwantung Province has been completed and is in operation in Canton. The plant is reported to be exceptionally well constructed and is capable of producing from 40 to 50 tons of superphosphate fertilizer daily, but at present is operating only part time. Most of the machinery going into this enterprise was obtained from the United States. An English firm is constructing an ammonia sulphate factory along side this new plant, and an American company is building a group of plants for the manufacture of ammonia, nitric acid and ammonia nitrate in the same vicinity.

China's first nitric plant, owned by the Tien Lee Synthetic Nitrogen Production Company, commenced operation at Shanghai at the beginning of the current year. Equipment includes a synthetic ammonia plant which operated for a number of years in the United States prior to dismantlement and erection by American engineers in China.

Increased activity in the Chilean nitrate industry has resulted in a substantial increase in employment, according to a report from Santiago. The number employed on June 30, 1935, approximated 23,873 persons compared with 21,768 in December, 1934, and 18,564 on June 30, 1934. The average daily wage during 1934-35 is said to have been 17.44 pesos.

Nitrate sales by the Chilean Nitrate and Iodine Sales Corporation are reported to have totalled 1,275,000 metric tons in 1934-35 compared with 1,026,000 tons during the preceding fiscal period. Sales of iodine by the corporation in 1934-35 were almost 30 percent higher than in the preceding fiscal period and more than 50 percent above 1932-33.

Following five years of uninterrupted contraction, Germany's export trade in printing inks began to show some signs of recovery last year, according to a report from Frankfort-on-Main. The volume of shipments increased slightly to 659 metric tons during the first 11 months of the year from 657 tons for the same period of 1934 though the value received declined by 82,000 marks to a total of 1,131,000 marks.

Official estimates place the Brazilian production of carnauba wax at 10,000 metric tons in 1935 compared with 9,412 in 1934, according to a report from Rio de Janeiro.

Establishment of an experimental laboratory at the University of Iceland for the use of trade and industry has recently been authorized by Parliament, according to a report from Copenhagen. The laboratory will be divided into three sections—fisheries, industry and agriculture—the industrial section being charged with chemical analysis of foodstuffs and other products sold in the domestic market or exported.

Chemical Labor Wage, Hour Schedules Held

(Continued from page 27)

ploying 7,457 people, conformed to both wage and hour standards; while six, with 2,078 employees, conformed to neither. Three firms, employing 639 persons, kept NRA hours but not wages, and one firm, with five employees, raised wages and left hours the same.

Petroleum Suppliers

Of twenty-three petroleum suppliers, employing 93,288 persons, fourteen, with 92,812 employees, conformed to both wage and hour specifications. Five concerns, with 301 employees, conformed to neither; two, with 125 employees, conformed to wage standards but not hours; and one, with fifty employees, conformed in hours but not wages.

In the soap and glycerin industry there were nineteen contracting firms, with 1,842 employees, and of these, twelve firms, employing 171 persons, conformed to both wage and hour requirements, while five establishments, employing 421, reported that they no longer conformed to either.

There were ten contracting firms in the package medicine industry, with 1,969 employees, and of these, six firms, with 1,360 employees conformed in both hours and wages; while four, with 609 employees, conformed in neither.

Records for the oxy-acetylene industry showed ten contracting firms, with 4,656 employees. Nine firms, employing 4,587, conformed in both wages and hours, and one, with sixty-nine employees, conformed in wages but not hours.

In the Fertilizer Group

In the fertilizer industry there were eight firms with 2,105 employees; but only one, employing twenty people, continued to maintain code hours and wages. Four, employing 547, conformed in neither hours nor wages; two, with 1,526 employees, conformed in hours but not wages; and one, employing twelve conformed in wages but not hours.

Three contracting drug establishments, employed fifty-nine persons. Of these, two, with nineteen employees, conformed in neither wage nor hour regulations, while one, employing forty, conformed in both.

Three salt manufacturers reported 640 employees. Two firms, with 185 employees, conformed in both wages and hours, and one, with 455 employees, conformed in wages but not hours.

The insecticide and disinfectant industry reported three firms, employing 129 persons. Of these, two, with 111 employees, conformed in neither wages nor hours, and one, with 118 employees, raised wages but left the hours the same.

In the animal glue industry, there were two concerns, employing ten persons, and they both conformed in hours and wages, as did the two polish manufacturers, who had twenty-nine employees.

Wholesale Druggists

The two wholesale druggists reporting had 137 employees, and one of these, with 127 employees, conformed in both wages and hours. The other, with ten employees, conformed in hours but not wages.

There was one yeast manufacturing concern, with 1,982 employees; one adhesive and ink company, with 250 employees; and one agricultural insecticide and fungicide manufacturer, with six employees. All of these conformed in both wages and hours.

The figures are to be submitted to the subcommittee of the house judiciary committee which is considering the Walsh bill (S. 3055) for maintenance of code provisions by government contractors.

Narcotic Control Shift Is Opposed at Hearing

(Continued from page 27)

rience with alcohol inspectors, he said, gave retail druggists reason to be apprehensive about the placing of enforcement of the narcotic law under persons who have no understanding of the professional problems involved and who do not distinguish between technical and criminal violations of a partly permissive statute.

Before Mr. Jones appeared, C. M. Hester, assistant general counsel of the Treasury Department, explained the purposes of the Doughton bill and urged its passage for the improvement of law enforcement.

Both witnesses were severely heckled by members of the committee. Other spokesmen for the drug industry are scheduled to appear later.

G. S. Stoddard & Co., this city, pharmaceutical specialists, at the annual stockholders meeting elected the following new directors:—Elmer H. Hessler, Harold D. Pomeroy, and Melvin G. Palliser. At the meeting of the directors immediately after the following new officers of the company were elected.—President and treasurer, Mr. Hessler; vice-president, Mr. Pomeroy, and secretary and assistant treasurer, R. C. Kirschenmann.

Heavy Chemicals

Rise in Straits Tin Price Causes Advance in Tin Derivatives — Antimony Metal Dull — Soda Silicofluoride and Magnesia Silicofluoride Firm—Spotty Demand for Sulphuric Acid

Betterment in demand for the industrial chemicals was lacking during the week just close. Manufacturing consumers apparently were awaiting the establishment of a definite trend in business in March before broadening contract releases. The hesitancy of consumers reached such proportions that sales were reported the slowest on record for the current year. Change in the market consisted of a fractional advance in the prices for tin crystals and anhydrous tetrachloride.

Chemicals entering consumption in the automobile industry reflected the letdown in the operation schedules in that industry, with estimates indicating that the February production would fall short by 100,000 units the January output of 270,000 units. However, the general feeling was that some improvement in the automobile industry could be expected in March, providing the weather follows a normal trend. Platers were taking material in fair volume during the week, with the prices for chromic acid as well as nickel salts and soda cyanide displaying a decidedly firm tone. The call for the ceramic material indicated that a hand-to-mouth buying policy was in force there, but prices were firm for manganese dioxide, antimony oxide and other ceramic materials.

The higher prices for tin crystals and anhydrous tetrachloride could be attributed to the rise in the price for the basic material. Demand for the tin salts continued irregular. Total visible stocks of tin decreased during 1935 from 17,107 tons to 13,841 tons but this decrease was largely offset by a rise to 16,052 tons in January of this year. United States used 44 percent of the world's tin in 1935 as compared with 37 percent in 1934. Antimony metal continued quiet throughout the week, but prices were held steady to firm. The call for the copper metal was spotty last week.

Materials entering the textile industry moved at a rather slow pace, with some competition still in evidence in some articles. Soda phosphate demand was irregular. Acetic and formic acid noted a spotty demand. The call for sulphuric acid reflected the general inclination to hold off purchasing other than immediate needs. Steel industry moved forward last week, with operations listed at 52.9 percent of capacity as against 51.7 percent in previous week, according to the American Iron and Steel Institute. Alkalies continued unchanged, with the February shipments measuring up satisfactorily, considerng general business conditions. Soda silicofluoride was still in short supply, and a decidedly firm tone ruled the market for magnesia silicofluoride.

Alums.—The call for the commercial and iron-free sulphate was fairly good throughout the week, with the prices displaying a firm tone. The buying of the ammonia and potash alums was regarded as irregular, but no change was disclosed in the quotations.

Ammonia, Anhydrous.—Business in this market was regarded as spotty during the week just closed, but the prices for the material shipped in cylinders continued in a firm position. The volume of business on the books for forward delivery was regarded as substantial.

Ammonia, Aqua.—There was little to report in this market, with the shipments moving forward at an irregular pace, but prices were regarded as steady to firm.

Ammonia Carbonate.—This market had little to offer in the way of a change over the preceding period, with the call restricted to actual wants, but the prices were in line with previous values.

Ammonia Perchlorate.—Betterment in the call was lacking again last week, with small quantities making up the buying, but prices ruled at the levels in force previously.

Ammonia Persulphate.—Interest here continued to be concerned with small quantities during the week just ended, with the prices listed at 21c. to 24c. per pound, according to quantity.

Ammoniac Sal.—Orders reaching this market clearly indicated that the manufacturing consumers of this article were content to cover only when the needs reached an imperative point, but the prices were about the same as the preceding period.

Antimony.—The market for the metal continued quiet, with prices holding at 12⅞c. per pound. Declared exports of antimony from China to the United States in January continued the downward trend that began in November. A report from the United States viceconsul stated that on December 13 the Hunan Antimony Syndicate was ordered abolished and a director was appointed for National Antimony Administration. This move was interpreted as an effort to divert to the coffers of the Central Government the revenue collected by the Syndicate and heretofore flowing to the Hunan Provincial Government.

Antimony Oxide.—There was an irregular demand for this material again last week, with the prices displaying a steady tone. Usual consumers were purchasing in a manner conveying the impression that the hand-to-mouth order was still in vogue. The call for the needle was spotty, but prices ruled unchanged.

Arsenic.—The market for the metal continued spotty throughout the week, but prices ruled unaltered. There was little to report in the white and red materials, with the prices holding at the levels in force previously.

Barium Salts.—The market for the chloride continued quiet during the week, with the prices holding unchanged. There was little activity in the carbonated, but not change was disclosed in the schedule. The call for the hydrate and nitrate was spotty.

Blue Vitriol.—A slightly better inquiry was reported for this material during the week just closed, with the shipments moving forward in favorable volume, and prices displayed a firm tone, which firmness was to some extent a reflection of a similar tone in the basic material. A good volume of business was said to be on the books for delivery later in the year.

Bleaching Powder.—Although the market reflected the general inclination of consumers to purchase for immediate production wants only, considering the trend of general business, producers reported the market displayed a firm tendency, and a good portion of this firmness resulted from the volume of business on the books for delivery later in the year.

Calcium Acetate.—A firm tone governed the activities in this market, and prices ruled firm at the levels of the preceding period.

Calcium Chloride.—A slight slackening in demand was reported for this commodity, but sizable business was said to be on the books for delivery later in the year, and the firm character of the price tone was the outstanding feature.

Carbon Tetrachloride.—Demand from the cleaning trade was regarded as fairly good throughout the week under survey, with the prices displaying a firm tone. A major portion of the buying came from the cleaning fluid companies.

Chlorine.—Although the market was a rather quiet affair again last week, with the shipments moving forward in moderate volume, producers reported the price tone was decidedly firm. And the firmness could be traced primarily to the quantity on the books for delivery later in the year.

Chloropicrin.—This situation underwent little change, with the call dull, due to the off-season influence, but prices were regarded as steady to firm.

Cobalt Oxide.—The character of the call indicated that consumers were measuring commitments by actual production requirements, but the price tone continued firm.

Copper.—There was no change in the status of the copper market from that prevailing in the previous week. Copper

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tin crystals, ⅛c. per lb.
tetrachloride, anhydrous, ¼c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	152.9

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.2

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 4

BARIUM HYDRATE
BARIUM REDUCTION CORPORATION CHARLESTON, W. VA.

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone DIgby 4-2181 NEW YORK CITY

Sodium Metasilicate
Anhydrous — Crystal
JOSEPH TURNER & CO.
500 FIFTH AVE., NEW YORK 83 EXCHANGE PL., PROVIDENCE, R.I.

CHEMICALS AND ALLIED PRODUCTS
EASTERN BUYERS, and also EASTERN SELLERS, should consider the advantages offered both in service and freight savings, available through our organization.
Warehouses and sales offices for Chemical and Allied Products located:
Kansas City, Missouri
St. Louis, Missouri
Des Moines, Iowa
Chicago, Illinois
Omaha, Nebraska
New Orleans, Louisiana
Memphis, Tennessee
Dallas, Texas
Houston, Texas
San Antonio, Texas
Tulsa, Oklahoma
Wichita, Kansas
Denver, Colorado
Minneapolis, Minnesota
Oklahoma City, Oklahoma
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY. MISSOURI

MANGANESE Sulphate
ZINC Sulphate
COPPER Sulphate
TENNESSEE
TC
CORPORATION
ATLANTA, GA.-LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

CARBON BISULPHIDE

BORIC ACID · CARBON TETRACHLORIDE
BORAX · TITANIUM TETRACHLORIDE
CAUSTIC SODA · SULPHUR CHLORIDE
Stauffer
SULPHUR · SILICON TETRACHLORIDE
CREAM OF TARTAR · SULPHURIC ACID
CARBON BISULPHIDE · TARTARIC ACID
AND OTHER QUALITY PRODUCTS

STAUFFER
CHEMICAL COMPANY

310 GRAYBAR BLDG., NEW YORK, N. Y. · CARBIDE AND CARBON BLDG., CHICAGO, ILL. · FREEPORT TEXAS · RIVES STRONG BLDG., LOS ANGELES, CALIF. · 624 CALIFORNIA ST., SAN FRANCISCO.

Eastman
GALLIC ACID

U. S. P. and TECHNICAL... Grades of high quality which meet exacting requirements.

QUANTITY PRODUCTION... An assurance of fresh stocks always available for immediate shipment in any quantity.

Information and quotations will be furnished upon request. Eastman Kodak Co., Chemical Sales Division, Rochester, N. Y.

Eastman Tested Chemicals

DU PONT
REG U S PAT OFF

R & H INDUSTRIAL
CHEMICALS

ACCELERATORS
Diphenylguanidine
Diortho Tolyl Guanidine
Triphenylguanidine
ACETANILID
ACETONE
C. P. and Methyl
ACID, PHOSPHORIC
Various Grades
AMMONIUM CARBONATE
Lump and Powder
AMMONIA, SAL
Granular White 99-100%
Gray, Fine and Coarse
ANTIMONY OXIDE
ARSENIC, RED
BARIUM CHLORIDE
BARIUM HYDRATE
BICHROMATE
Soda and Potash
BORAX
BORACIC ACID
CAFFEINE ALKALOID
CARBON TETRACHLORIDE
CHROMIC ACID
COPPER CARBONATE
52-54%
CYANIDE, POTASSIUM
ETHYLENE DICHLORIDE
FELDSPAR, "CHEMI-TROLD"
FORMIC ACID
IRON BY HYDROGEN
IRON CHLORIDE
LITHIUM SALTS
MANGANESE CHLORIDE
NAPHTHALENE
NICKEL SALTS, SINGLE AND DOUBLE
NICKEL CHLORIDE
NITRITE SODA
OXALIC ACID
PARADICHLOROBENZENE
OXALATE AMMONIA
OXALATE POTASH
BINOXALATE POTASH
BICARBONATE POTASH
CAUSTIC POTASH
Fused, Broken, Ground and Flakes
CARBONATE POTASH
Liquid, Calcinated and Hydrated
PERMANGANATE POTASH
RED PRUSSIATE POTASH
YELLOW PRUSSIATE POTASH
YELLOW PRUSSIATE SODA
SODA ACETATE
SODA ASH
SODA BICARBONATE
SODA CAUSTIC
SODA SILICO FLUORIDE
ACID SODA FLUORIDE
SODA FLUORIDE
STEARATES
Aluminum, Calcium, Magnesium and Zinc
SULFUR CHLORIDE
SULFUR DIOXIDE
TETRA SODA PYROPHOSPHATE
TRISODIUM PHOSPHATE
ZINC CARBONATE
ZINC CHLORIDE

Also refrigerants, non-flammable solvents, cyanides, formaldehyde, active oxygen products, ceramic chemicals, etc.

Write for current price list giving prices on these and other chemicals

Quarterly PRICE LIST

THE R. & H. CHEMICALS DEPT.
E. I. DU PONT DE NEMOURS & CO., INC.
Empire State Bldg., N. Y. C.

was available in at least one major producing and two custom smelter sources at 9¼c. per pound, delivered Connecticut Valley base. And it has been intimated that supply available at the above figure from this source is sufficient to care for all current market needs, precluding of course a sudden and unexpected wave of buying. Those producers who withdrew from the market at 9¼c. per pound and raised their asking figure to 9½c. per pound were still quoting that figure.

Copperas.—The firm character of the price tone was the feature prominent in this direction during the week just closed, with the shipments moving out at a good pace. Steel operations started the week at 52.9 percent of capacity, against 51.7 percent in the preceding period, according to the American Iron and Steel Institute. A month ago operations were at 49.4 percent and a year ago at 47.9 percent.

Glauber's Salt.—A fair amount of business was transacted in this market at intervals during the period under review, with the buying coming from the routine sources, and prices were unchanged.

Magnesia Silicofluoride.—This material continued to be in limited supply, and a firm tone ruled the dealings.

Manganese Dioxide.—Although the ceramic industry showed little inclination to order out supplies beyond actual production requirements, sellers report the market noted a firm tone.

Nickel Salt.—The situation offered little change from the previous period, with the plating trade withdrawing supplies at an irregular pace, but the price tone continued firm. And the firmness was also apparent in the chloride material. There was little activity in the oxide.

Potash Carbonate.—A fair amount of material was moved for the week, although the trend was spotty at times during the period under review due to the textile trade purchasing in a fashion indicative of a policy to confine contract releases to immediate wants.

Potash Caustic.—Soap makers as well as the chemical processors furnished a fair amount of interest in this market at times during the week, and prices ruled firm.

Potash Chlorate.—Match manufacturers and other routine consumers were purchasing for immediate wants only, but the prices were held at the levels in effect previously.

Potash Permanganate.—While improvement in the market was lacking from a demand standpoint, the price position remained undisturbed, with a firm tone in evidence.

Saltcake.—Activity in this market revealed little inclination on the part of the consumers in the paper and glass trades to discard the hand-to-mouth policy, with the result that only a moderate volume changed hands, but prices ruled unaltered.

Soda Acetate.—The market for the anhydrous was listed at 9½c. to 13½c. per pound. The call for the flake was considered fair, and prices ruled at the levels in effect in the previous week.

Soda Ash.—Manufacturing consumers continued to order out supplies in favorable volume during the week just ended, with the prices displaying a firm tone. February shipments measured up satisfactorily considering the trend of general business.

Soda Bicarbonate.—General demand lacked snap, with the consumers displaying a tendency to hold off from purchasing supplies unless such were necessary, and competition in the local market continued keen.

Soda Caustic.—Business came from divers directions, with the total for the week considered fair, and a portion of the dullness in the market could be traced to the desire of consumers to hold commitments to actual needs and the end of the month was also a factor slowing the demand.

Soda Cyanide.—Platers were withdrawing fair sized shipments throughout the week, with the prices holding firm. Indications were that the demand would show some improvement coincident with the pickup in the automobile industry.

Soda Fluoride.—Interest in this article continued fairly good throughout the week, with the buying originating in the routine quarters, and prices were regarded as firm.

Soda Phosphate.—A rather dull market was noted in the di-basic and tri-basic items, with the shipments moving out in small volume. The silk mills were working on a conservative production level.

Soda Silicate.—Despite the tendency on the part of the textile industry and other routine consumers to order out supplies commensurate with actual production requirements, the volume moved was sufficient to give the market a firm tone.

Soda Silicofluoride.—Demand was said to be in excess of supplies, with the result the prices were strictly nominal.

Tin Salts.—With the price for Straits tin moving forward, a slight advance was shown in the prices for tin crystals and anhydrous tetrachloride. Tin statistics, in detail up to the end of 1935, published by the International Tin Research and Development Council

Lactic acid
U. S. P. 85%
TECHNICAL
EDIBLE
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabethport, N. J.

MEURER
STEEL DRUMS
THE
STANDARD
OF QUALITY
HEAVY RETURNABLE
AND
LIGHT SHIPPING
PLAIN STEEL HOT GALVANIZED
STAINLESS STEEL PURE NICKEL
HOT DIP TINNED MONEL METAL
SPECIAL INTERIOR COATINGS
HEAD AND SIDE COLOR DECORATED

I. C. C. 5-E
Decorated Type

MEURER
STEEL BARREL
COMPANY, Inc.
105 AVENUE L
NEWARK, N. J.

Sales Agents
Philadelphia
F. E. RUTAN, Jr.
1666 Walnut St.
Baltimore
R. S. MUELLER CO.
Garrett Bldg.
Pittsburgh
T. C. TIPPER & CO.
3648 Brighton Rd.
Wilmington
J. T. M. LACY
1004 Adams St.

QUALITY UNIFORMITY SERVICE

OXALIC
ACID

Guaranteed 99.75% pure or better

Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.

VICTOR
CHEMICAL WORKS
141 W JACKSON BLVD., CHICAGO ILL.

show that comparing the 1935 figures with those of the previous year, world apparent consumption increased by 20 percent from 117,681 tons to 141,524 tons. Total visible stocks of tin decreased during 1935 from 17,107 tons to 13,841 tons but this decrease was largely offset by a rise to 16,052 tons in January of this year. United States used 44 percent of the world's tin in 1935 as compared with 37 percent in 1934.

Acids

The market for the various acids moved through a rather quiet week, with the manufacturing consumers in all directions showing little inclination to purchase beyond actual production requirements. Despite the relatively slow demand, sellers in all quarters of the market reported prices were steady to firm. Sulphuric acid was firm, although the call was spotty at intervals during the week, with the textile, tanning, steel and other trades restricting purchases to actual wants. Chromic acid was in a firm position. The market for oxalic acid continued quiet, but prices were in conformity with the schedule in effect previously. The call for muriatic and nitric acids was strictly routine. Nothing new occurred in the market for boric or battery acids.

Acetic.—Demand here continued quiet, with prices holding firm at the levels in effect previously.

Battery.—Demand here was slow at times during the week but a firm tone ruled the dealings.

Boric.—Usual consumers were ordering out supplies in fair volume, and prices were firm.

Chromic.—Platers were ordering material at an irregular pace, and prices continued in a firm position.

Formic.—Nothing new was noted in this market, with the call restricted to usual wants, and prices were unchanged.

Lactic.—Tanners were placing a fair volume of business here during the period under review, and prices were well maintained.

Muriatic.—This situation showed little change from the previous period, with the manufacturing consumers in all directions content to order out for immediate wants, and prices were unchanged.

Nitric.—Another slow week was witnessed in this direction, but the dull character of the call failed to have an influence on the market pricewise.

Oxalic.—Another week marked by a firm tone was disclosed here, with the shipments moving out in moderate volume. Prices ruled unchanged.

Sulphuric.—The call followed a highly irregular trend, with the hand-to-mouth policy governing the demand side of the market, but prices continued firm. Steel mill operations were placed at 52.9 percent of capacity as compared with 51.7 percent in the previous year. Automobile industry was operating at a low rate of production. Textile and tanning industries and miscellaneous consumers were covering for immediate needs.

BALTIMORE.—While the weather has undergone a great change in the last two days, the cessation of ice and severe cold is too recent to have had any effect on the business in fertilizer materials, and the period covered by this report presented much the same conditions as those that had prevailed. This applies to sulphuric acid, among other things, the demand for which continued about as it has been for some time, with the calls from manufacturers of fertilizer mixtures almost wholly held in abeyance, while the buying by industries other than the fertilizer trade showed no decided change. The producers, for their part, adhered to the quotations that have been hung up, these being $12 per ton for 60 degree acid and $15 for 66 degree acid, per ton. This also applies to oleum, which is being held at $16.82 per ton for 20 percent stocks.

Insecticides

The market for the agricultural insecticides and fungicides moved through a rather quiet week, with the prices displaying a firm tone. It is not expected that the new crop program of the administration will call directly for any reduction of cotton acreage or of total crop acreage, but instead that growers will be induced to limit their acreage to cotton and other major crop by being offered compensation for planting more land than usual to soil-building crops. It is understood that Department of Agriculture has been working on several alternative plans. Prices for calcium arsenate continued firm.

Bordeaux Mixture.—Business continued quiet, with prices for the drum quantities listed at 8c. to 8¾c. per pound, according to location.

Calcium Arsenate.—Demand here was irregular, but the price tone was decidedly firm.

Lead Arsenate.—This situation offered little change, with a firm tone governing the dealings.

Nicotine Sulphate.—This market revealed little change throughout the week, and a firm tone was prominent in the dealings.

Amersil Company, chemical silica and stone ware, has purchased a factory at Chestnut avenue and Coit street, Hillside, N. J.

Sulphuric Acid Output by Fertilizer Makers: 1935

Sulphuric acid production by fertilizer producers in 1935 totaled 1,654,685 tons against 1,519,504 tons in 1934 and 1,366,973 tons in 1933, according to the Bureau of Census reports based upon data received from 69 fertilizer manufacturers. Stocks on hand totaled 92,253 tons at the end of December 1935 against 117,036 tons at the end of the preceding year and 113,965 tons at the end of 1933. Consumption in fertilizer production by reporting manufacturers totaled 1,343,331 tons against 1,396,049 tons in 1934 and 1,206,117 tons at the end of 1933. Details of production, purchases, shipments and stocks for 1935 and comparative data for 1934 follows:—

	Produced by reporting mfrs.		Purchased from fert. mfrs.	Purchased from non-fert. mfrs.	Consumed by reporting manufacturers in production of fert.		Shipped to other than fert. mfrs.	
1935.	†Northern district.	Southern district.	Total.	Total.	Northern district.	Southern district.	Total.	Stocks, total.
January	98,802	70,499	34,545	27,824	81,540	81,118	35,186	111,397
February	86,546	67,813	26,269	21,647	62,568	70,751	38,716	111,022
March	90,944	50,408	18,769	18,636	50,806	53,235	42,319	101,429
April	95,748	43,585	11,760	13,397	49,060	44,813	40,293	97,808
May	79,632	31,470	11,610	13,186	54,454	33,490	29,714	97,665
June	73,343	25,853	16,880	20,862	48,356	27,334	34,382	97,901
July	77,441	32,808	27,714	23,334	55,216	39,764	40,739	99,174
August	77,710	45,499	35,573	10,632	43,778	55,895	48,404	91,935
September	82,308	47,952	35,742	12,111	41,204	60,504	46,717	91,066
October	87,491	62,238	33,396	17,540	56,652	74,789	50,802	81,457
November	92,171	61,621	35,134	•18,946	58,215	•67,281	45,478	•88,830
December	110,445	62,378	30,185	22,402	61,892	70,616	51,116	92,253
Totals	1,052,581	602,104	317,527	220,517	663,741	679,590	563,866	.....
1934.								
January	82,200	61,611	32,312	29,470	77,152	84,348	27,163	104,465
February	79,334	60,281	20,151	27,300	61,191	88,045	22,793	98,260
March	83,046	49,503	16,945	27,766	62,676	71,307	34,167	83,637
April	81,149	38,470	12,158	22,721	59,009	48,833	30,240	78,127
May	80,068	27,500	5,735	18,793	55,398	28,571	25,894	86,048
June	72,119	20,775	3,441	26,577	55,613	24,601	25,783	92,721
July	65,887	22,162	7,411	25,951	57,172	25,907	21,991	94,466
August	65,589	31,889	13,048	17,060	42,052	35,352	29,587	86,072
September	74,960	41,160	21,136	12,560	40,139	45,776	23,594	95,923
October	89,969	59,999	38,164	27,249	66,765	70,592	34,938	99,119
November	91,339	68,442	39,330	22,796	62,931	80,351	28,615	107,609
December	99,399	72,653	36,734	28,813	67,395	84,873	28,537	117,036
Totals	965,059	554,445	246,565	287,056	707,493	688,556	333,302	.....

• Revised.

† Northern district, States north of Virginia-North Carolina line; Southern district, States south of Virginia-North Carolina line.

Air Service Praises Cabot

In the current issue of *U. S. Air Services*, liberal praise is given in an editorial to the "Generosity—and Courage" of Godfrey L. Cabot, president of Godfrey L. Cabot, Inc., Boston, carbon black manufacturer, who, last September presented to Norwich University, Northfield, Vt., $144,000 to found the "James Jackson Cabot professorship of air traffic regulation and transportation." This was the first gift of its kind to an educational institution and is to develop general rules for air traffic by the Unied States with the intention of having them adopted by other nations. Mr. Cabot, who was seventy-seven years old when he founded the chair, and the oldest man by twelve years to hold a commission in the U. S. Naval Air forces, named the chair after his oldest son, a World War air pilot, who died about six years ago.

Chemists Club Nominates

The nominating committee of the Chemists' Club, this city, has selected the following candidates for this year's election for officers:—President, F. G. Zinsser; resident vice-president, Arthur W. Hixson; non-resident vice-president, Victor G. Bloede; suburban vice-president, R. J. Moore; secretary, Robert T. Baldwin; treasurer, S. J. White; trustees, three-year term, L. W. Bass and C. W. Fairbank.

These nominees and others who may be independently proposed will be voted for in balloting by mail early in April.

"DEAD-ON THE COURSE"

We check our position much more frequently than a master mariner does. The processes producing Diamond Quality Alkalies are CONSTANTLY under the expert supervision of laboratory technicians. Every batch that leaves the process,—every shipment that leaves the plant,—is uniform in purity and strength . . . that's why Diamond Brand is known throughout industry as a consistently safe and satisfactory alkali specification.

DIAMOND ALKALI CO.
Pittsburgh, Pa. and Everywhere

ALKALI

DIAMOND PRODUCTS
58% Soda Ash, Bicarbonate of Soda, 76% Caustic Soda, Carbon Tetrachloride, Diamond Soda Crystals, Modified Soda, Special Alkalies, Liquid Chlorine

DIAMOND ALKALIES

Bids and Awards

Bids Wanted

Alcohol

Picatinny Arsenal, New Jersey

Bids are wanted by March 5, circular 237, by the Commanding Officer, Picatinny Arsenal, N. J., for 80,000 pounds of ethyl alcohol.

Asphalt

Quartermaster, Moffett Field

Bids are wanted by March 10, circular 14, by the Quartermaster, Moffet Field, Cal., for 40,000 gallons of stabilizer and emulsified asphalt.

Carbon Dioxide Gas

Navy Department, Washington

Bids are wanted by March 31, schedule 7276, by the Bureau of Supplies and Accounts, Navy Department, Wahsington, for supplies of carbon dioxide gas for eastern and western yards.

Chemicals and Drugs

Panama Canal, Washington

Bids are wanted by March 6, schedule 3127, by the General Purchasing Officer, Panama Canal, Washington, for 300 pounds of sulphur dioxide, 120 pounds of methyl chloride gas, and 100,000 pounds of copper sulphate.

Chlorine

Chemical Warfare Service, Edgewood Arsenal

Bids are wanted by March 23, circular 59, by the Chemical Warfare Service, Edgewood Arsenal, Maryland, for 92,000 pounds of liquid chlorine.

Coaltar Pitch

Quartermaster Depot, New Cumberland

Bids are wanted by March 24, circular 22, by the Purchasing and Contracting Officer, Quartermaster Corps, New Cumberland, Pa., for 300,000 pounds of coaltar pitch for built-up roofing.

Dextrin

Bureau of Engraving and Printing, Washington

Bids are wanted by May 20, by the Purchasing Agent, Bureau of Engraving and Printing, Washington, for supplies of dextrin as required during the fiscal year beginning July 1.

Dry Colors

Bureau of Engraving and Printing, Washington

Bids are wanted by June 1, by the Purchasing Agent, Bureau of Engraving and Printing, Washington, for supplies of dry colors, including hydrate of alumina, carbon black, precipitated magnetic oxide of iron, barytes, paris white, titanium dioxide, chrome green, Prussian blue, bronze blue, orange mineral, ultramarine blue, permanent lithol rubine toner, chrome yellow, and paste drier, as required during the fiscal year beginning June 1.

Ethyl Chloride

Navy Department, Washington

Bids are wanted by March 31, schedule 7277, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 9,900 pounds of ethyl chloride, for eastern yards, and 11,000 pounds of ethyl chloride for western yards.

Fuel Oil

Navy Department, Washington

Bids are wanted by March 31, schedule 7273, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 116,000 barrels of navy fuel oil for Chefoo, China.

Panama Canal, Washington

Bids are wanted by March 12, schedule 3129, by the General Purchasing Officer, Panama Canal, Washington, for 60,000 barrels of bunker C fuel oil.

U. S. Engineers, Jacksonville

Bids are wanted by March 6, circular 254, by the U. S. Engineer Office, Jacksonville, Fla., for 22,000 barrels of bunker C fuel oil.

Gasoline and Oil

Interior Department, Washington

Bids are wanted by March 10, procurement 1242, by the Purchasing Officer, Interior Department, Washington, for supplies of gasoline and lubricating oil for various deliveries.

Army Supply Base, Brooklyn

Bids are wanted by March 20, circular 212, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y., for supplies of gasoline and fuel oil as required from April 1 to June 30.

Hydrogen and Oxygen

Navy Department, Washington

Bids are wanted by March 31, schedule 7286, by the Bureau of Supplies and Accounts, Navy Department, Washington, for supplies of compressed hydrogen gas for eastern yards, and by March 31, schedule 7278, for supplies of compressed oxygen gas for eastern and western yards.

Insecticide

Marine Corps, Washington

Bids are wanted by March 5, schedule 589, by the Quartermaster, Marine Corps, Washington, for 550 gallons of insecticide.

Lard and Lard Substitute

Quartermaster Depot, Baltimore

Bids are wanted by March 18, circular 105, by the Quartermaster, Holabird Depot, Baltimore, Md., for supplies of lard and lard substitute.

Quartermaster Supply, Fort Sam Houston

Bids are wanted by March 13, circular 176, by the Quartermaster Supply Officer, Fort Sam Houston, Tex., for supplies of lard and lard substitutes for various deliveries.

U. S. Engineers, Mobile

Bids are wanted by March 6, circular 214, by the U. S. Engineer Office, Mobile, Ala., for supplies of lard as required from April 1 to June 30.

Lime

U. S. Engineers, Fort Peck

Bids are wanted by March 4, circular 354, by the U. S. Engineer Office, Fort Peck, Montana, for 150,000 pounds of hydrated lime.

Linseed Oil

Rock Island Arsenal, Illinois

Bids are wanted by March 10, circular 459, by the Commanding Officer, Rock Island Arsenal, Ill., for 1,000 gallons of raw linseed oil.

Lubricants

Army Air Corps, Wright Field

Bids are wanted by March 23, circular 607, by the Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O., for supplies of lubricating oil.

Marine Corps, Philadelphia

Bids are wanted by March 6, schedule 579, by the Depot Quartermaster, Marine Corps, 1100 South Broad street, Philadelphia, for 4,000 pounds of medium mineral lubricating grease, 600 gallons of sperm oil, and 50 gallons of graphite spring oil.

Navy Aircraft Factory, Philadelphia

Bids are wanted by March 5, requisition 6184½ S.&A., by the Supply Officer, Navy Aircraft Factory, Philadelphia, for 1,300 gallons of lubricating oil.

Oils and Driers

Bureau of Engraving and Printing, Washington

Bids are wanted by May 27, by the Purchasing Agent, Bureau of Engraving and Printing, Washington, for oils and driers, including burnt plate oil, lithographic varnish, dammar varnish, and ox drier, as required during the fiscal year beginning July 1.

Paint and Varnish

Federal Reformatory, Petersburg

Bids are wanted by March 9, procurement 346, by the Superintendent, Federal Reformatory Camp, Petersburg, Va., for 2,000 pounds of white lead in oil.

Soap and Cleaner

Quartermaster Depot, Chicago

Bids are wanted by March 20, circular 213, by the Quartermaster Depot, 1819 West Pershing road, Chicago, for 120,000 pounds of laundry soap, and 6,000 cakes of grit soap.

Quartermaster, West Point

Bids are wanted by March 6, circular 45, by the Quartermaster, West Point, N. Y., for supplies of scouring powder, toilet soap, and soap powder

U. S. Engineers, Mobile

Bids are wanted by March 9, circular 207, by the U. S. Engineer Office, Mobile, Ala., for supplies of washing powder, tooth paste, and toilet soap, as required from April 1 to June 30.

Quartermaster Corps, Jeffersonville

Bids are wanted by March 16, circular 203, by the Contracting Officer, Quartermaster Corps, Jeffersonville, Ind., for 30,000 pounds of laundry soap.

Soda Thiosulphate

Quartermaster Supply, Fort Sam Houston

Bids are wanted by March 20, circular 181, by the Quartermaster Supply Officer, Fort Sam Houston, Tex., for 9,100 pounds of soda thiosulphate.

Contracts Awarded

Alum

Marine Corps, Washington

Grasselli Chemical Company, January 7, schedule 404: 28,470 pounds of alum, at 2.056 cents a pound.

Baking Powder

Veterans Administration, Washington

General Foods Sales Company, February 5, procurement 800-S: supply of baking powder, $699.40.

Chemicals and Drugs

Army Medical Supply, Brooklyn, N. Y.

Sharp & Dohme, January 27, procurement 55: 8,000 bottles of terpin hydrate compound tablets, at 9c. a bottle, and 4,500 bottles of ammonia, at 48.5 cents a bottle.

Copper Sulphate

Panama Canal, Washington

S. Weinstein Supply Company, February 21, requisition 2-284: 100,000 pounds of copper sulphate, $3,749.

Gelatin

Veterans Administration, Washington

Jell Products Company, February 5, procurement 807-S: supply of gelatin, $1,351.35.

Kerosene

Lighthouse Service, Staten Island, N. Y.

Standard Oil Company of New Jersey, December 30, procurement 50174; 14,000 gallons of kerosene, $1,932.

Lard and Lard Substitute

Veterans Administration, Washington

Wilson & Co., February 11, procurement 814-S: supply of lard substitute, $15,275.08; Vegetable Oil Products Company, supply of lard substitute, $2,216.75, and Armour & Co., supply of lard substitute, $939.15.

Oleomargarin

Veterans Administration, Washington

Armour & Co., February 6, procurement 811-S: supply of oleomargarin, $886.27; the Blanton Company, supply of oleomargarin, $7,164.65.

Paint and Varnish

Army Air Corps, Wright Field

A. C. Horn, Long Island City, January 20, circular 458; 2,050 gallons of yellow fire resistant enamel, $1,462.

Lighthouse Service, Staten Island, N. Y.

Industrial Paint Company, January 20, procurement 50372: 504 gallons of cream color paint, $669.57, and 504 gallons of straw color paint, $669.57.

Panama Canal, Washington

Woodfinishing Products Company, January 21, requisition R-19130; 2,000 gallons of paint and varnish remover, at 64 cents a gallon.

Post Office Department, Washington

Pratt & Lambert, December 4, procurement 1479: 555 gallons of green enamel, at $1.53 a gallon.

Quartermaster Depot, Chicago

Porter Paint Company, Louisville, December 9, procurement 199; 3,000 pounds of titanium zinc paint, at $8.15 per hundredweight.

U. S. Engineers, Wilmington, N. C.

February 11, circular 79: August Miller & Son, 1,500 pounds of zinc oxide, $138; Sherwin-Williams Company, 2,500 pounds of white lead, $205.75.

U. S. Engineers, Huntington, W. Va.

January 27, circular 153: Varcraft Works, 342 gallons of concrete floor paint, $324.90; Sherwin-Williams Company, 2,000 pounds of white lead in oil, $164.60; Perry & Derrick Company, 4,200 pounds of sublimed blue lead in oil, $320.04; J. M. Gates Sons Company, 54 gallons of exterior yellow paint, $94.50; A. C. Horn, 222 gallons of machinery enamel and 90 gallons of wood enamel, $463.74; Industrial Paint Company, 700 gallons of aluminum paint, 1,530 gallons of exterior paint, 126 gallons of exterior stucco, 728 gallons of interior paint, 42 gallonco of boiler and stack paint, 36 gallons of japan drier, and 42 gallons of sizing, $4,171.67.

Petrolatum

Army Air Corps, Wright Field

Pure Oil Company, January 10, circular 429; 4,100 pounds of amber petrolatum, at 3.7 cents a pound.

Soap and Cleaner

Army Supply Base, Brooklyn, N. Y.

November 19, procurement 132—Kirkman & Sons, 625,000 pounds of laundry soap, at 3.59 cents a pound; Day & Frick, 162,500 pounds of grit soap, at 3.2 cents a pound; Procter & Gamble Distributing Company, 45,000 pounds of toilet soap, at 7.01 cents a pound, and 30,375 pounds of white floating soap, at 7.51 cents a pound; Colgate-Palmolive-Peet Company, 8,000 pounds of powdered soap, at 7.95 cents a pound, 3,000 pounds of powdered soap, at 8.15 cents a pound, 24,000 pounds of powdered soap, at 8.35 cents a pound, and 4,500 pounds of powdered soap, at 8.02 cents a pound; Sterling Supply Company, 400 pounds of sour, at 8¾ cents a pound, 1,000 pounds of sour, at $8.47 per hundredweight, 900 pounds of sour, at 8.75 cents a pound, and 500 pounds of sour, at 8.75 cents a pound; American Soap & Washaline Company, 5,000 pounds of powdered soap, at 8.07 cents a pound; Swift & Co., 15,000 pounds of laundry soap, at 7.92 cents a pound; Pennsylvania Salt Manufacturing Company, 1,080 pounds of chloride of lime, at 6 cents a pound, 720 pounds of chloride of lime, at 6.25 cents a pound, and 2,400 pounds of chloride of lime, at 6 cents a pound; B. P. Ducas, 30,000 pounds of washing soda, at 2.077 cents a pound; Buckeye Soda Company, 4,800 pounds of caustic soda, at 5.45 cents a pound, and 2,400 pounds of caustic soda, at 4.5 cents a pound; Keever Starch Company, 5,000 pounds of starch, at 6.5 cents a pound, 4,000 pounds of starch, at 6 cents a pound, and 2,400 pounds of starch, at 6.35 cents a pound; John A. Chew, 20,000 pounds of soda, at 1.75 cents a pound; Alfred T. Goldsmith, 2,000 gallons of solvent, at 63 cents a gallon.

Marine Corps, Washington

Pal Products Company, Brooklyn, December 29, schedule 580; 7,000 cans of cleanser, at 2.5 cents a can.

Quartermaster Supply, St. Louis

February 10, circular 81: Armour & Co., 12,800 cans of scouring powder, at 2.22 cents a can; 100,200 pounds of laundry soap, at 3.42 cents and 3.2 cents a pound; Iowa Soap Company, 49,400 cakes of white floating toilet soap, at 2.55 cents a cake.

Salad Oil

Veterans Administration, Washington

C. F. Simonin's Sons, February 11, procurement 812-S: supply of salad oil, $2,208.37; Wilson & Co., supply of salad oil, $866.86; Frey & Horgan Company, supply of salad oil, $520.70; the Blanton Company, supply of salad oil, $3,402.55; Procter & Gamble Distributing Company, supply of salad oil, $1,455.85; Vegetable Oil Products Company, supply of salad oil, $3,068.30.

Soap and Cleaner

Marine Corps, Washington

B. P. Ducas & Co., January 7, schedule 404: 19,500 pounds of soda ash at 1.744 cents a pound, and 13,500 pounds of laundry soda at 1.694 cents a pound.

Sulphate of Alumina

Quartermaster, Fort Monroe, Va.

Southern Supply & Chemical Company, January 3, procurement 48: 40,000 pounds of sulphate of alumina at 1.43 cents a pound.

Tallow

Panama Canal, Washington

Stevenson Bros. & Co., February 11, requisition 20209: 2,000 pounds of mutton tallow, at 14.7 cents a pound.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Abbott Laboratories, Inc	Com.	Q.	75c.	April 1	Mar. 18
Abbott Laboratories, Inc	Com.	Ext.	10c.	April 1	Mar. 18
Armour & Co. (Ill.)	7% pfd.	Ac	$1.50	April 1	Mar. 10
Armour & Co. (Ill.)	$6 pfd.	Q.	$1.50	April 1	Mar. 10
Armour & Co. (Del.)	7% pfd.	Q.	$1.75	April 1	Mar. 10
Beech-Nut Packing Co	Com.	Q.	75c.	April 1	Mar. 12
Beech-Nut Packing Co	Com.	Ext.	50c.	April 1	Mar. 12
Bon Ami Co	B com.	Q.	50c.	April 1	Mar. 10
California Packing Corp	Com.	Q.	37½c.	Mar. 16	Feb. 29
Chesebrough Manufacturing Co	Com.	Q.	$1.00	Mar. 31	Mar. 6
Chesebrough Manufacturing Co	Com.	Ext.	50c.	Mar. 31	Mar. 6
Clorox Chemical Co	Com.	Q.	50c.	April 1	Mar. 20
Clorox Chemical Co	Com.	Ext.	12½c.	April 1	Mar. 20
Consolidated Oil Corp	Pfd.	Q.	$1.25	Mar. 15	Feb. 29
Dr. Pepper Co	Com.	Q.	20c.	Mar. 2	.....
Eastman Kodak Co	Com.	Q.	$1.25	April 1	Mar. 5
Eastman Kodak Co	Com.	Ext.	25c.	April 1	Mar. 5
Eastman Kodak Co	Pfd.	Q.	$1.00	April 1	Mar. 5
El Dorado Oil Works	Com.	..	40c.	Feb. 29	Feb. 19
General Paint Corp	Cl. A	Ac	50c.	April 1	Mar. 10
General Printing Ink Co	Com.	Q.	50c.	April 1	Mar. 18
General Printing Ink Co	Pfd.	Q.	$1.50	April 1	Mar. 18
Gordon Oil Co	Cl. B	Q.	25c.	Mar. 16	Feb. 28
Gulf Oil Corp	Com.	..	25c.	April 1	Mar. 14
Hiram Walker-Gooderham & Worts	Com.	..	50c.	Mar. 16	Feb. 28
Hiram Walker-Gooderham & Worts	Pfd.	Q.	75c.	Mar. 16	Feb. 28
Humble Oil & Refining Co	Com.	Q.	25c.	April 1	Mar. 2
International Salt Co	Com.	Q.	37½c.	April 1	Mar. 16
Jefferson Lake Oil Co	Pfd.	S.	35c.	Mar. 10	Feb. 29
Katz Drug Co	Com.	Q.	75c.	Mar. 15	Feb. 29
Katz Drug Co	Pfd.	Q.	$1.62½	April 1	Mar. 15
Kennecott Copper Corp	Com.	Q.	25c.	Mar. 31	Mar. 6
Libbey-Owens-Ford Glass Co	Com.	Q.	50c.	Mar. 16	Feb. 28
Masonite Corp	Com.	Q.	25c.	Mar. 15	Feb. 29
Mathieson Alkali Works	Com.	Q.	37½c.	Mar. 31	Mar. 4
Mathieson Alkali Works	Pfd.	Q.	$1.75	Mar. 31	Mar. 4
McClanahan Oil Co	Com.	Q.	015c.	Mar. 16	Mar. 2
McKesson & Robbins (Md.)	New pfd.	1st	75c.	Mar. 16	Feb. 28
Mount Diablo Oil, Min. & Dev. Co.	Com.	Q.	.005c.	Mar. 2	Feb. 24
Mount Diablo Oil, Min. & Dev. Co.	Com.	Ext.	.005c.	Mar. 2	Feb. 24
National Lead Co	Com.	Q.	$1.25	Mar. 31	Mar. 13
National Lead Co	Cl. B	Q.	$1.50	May 1	April 17
National Oil Products Co	Com.	..	80c.	Mar. 31	Mar. 2
National Oil Products Co	Pfd.	Q.	$1.75	April 1	Mar. 2
New York Transit Co	Com.	S.	15c.	April 5	Mar. 27
Ohio Oil Co	Pfd.	Q.	$1.50	Mar. 14	Feb. 20
Paraffine Cos	Com.	Q.	50c.	Mar. 27	Mar. 10
Penick & Ford, Ltd	Com.	Q.	75c.	Mar. 16	Mar. 2
Pennsylvania Glass Sand Corp	$7 pfd.	Q.	$1.75	April 1	Mar. 13
Pennsylvania Glass Sand Corp	$7 pfd.	Ext.	$1.75	April 1	Mar. 13
Philadelphia Co	$6 pfd.	Q.	$1.50	April 1	Mar. 2
Philadelphia Co	$5 pfd.	Q.	$1.25	April 1	Mar. 2
Seaboard Oil Co. (Del.)	Com.	Q.	15c.	Mar. 14	Feb. 29
Seaboard Oil Co. (Del.)	Com.	Ext.	10c.	Mar. 14	Feb. 29
Siscoe Gold Mines	Com.	Q.	05c.	Mar. 14	Feb. 27
Siscoe Gold Mines	Com.	Ext.	01c.	Mar. 14	Feb. 27
South Penn Oil Co	Com.	Q.	37½c.	Mar. 31	Mar. 16
South Penn Oil Co	Com.	Ext.	12½c.	Mar. 31	Mar. 16
Sandard Oil Co. (Ky.)	Com.	Q.	25c.	Mar. 16	Feb. 29
St. Joseph Lead Co	Com.	Q.	10c.	Mar. 20	Mar. 6
Texas Corp	Com.	Q.	25c.	April 1	Mar. 6
Texas Gulf Sulphur Co	Com.	Q.	50c.	Mar. 16	Mar. 2
Utah Copper Co	Com.	Q.	50c.	Mar. 31	Mar. 6
United Dyewood Co	Pfd.	Q.	$1.75	April 1	Mar. 13
Wesson Oil & Snowdrift Co	Com.	Q.	12½c.	April 1	Mar. 14
Wesson Oil & Snowdrift Co	Com.	Ext.	37½c.	April 1	Mar. 14

Corporation Earnings Recently Reported

	Period.	1935 Net income.	1935 Per share.	1934 Net income.	1934 Per share.
Abbott Laboratories	1935	$1,[illegible]	$1.[illegible]	$896,959	$6.18
Affiliated Products Co	1935	227,328	.59	202,023	.53
Brillo Manufacturing Co	1935	139,452	.55	151,981	.62
Buckeye Pipe Line Co	1935	550,623	2.75	691,693	3.01
Clifton Oil & Gas Co	1935	*17,929	...	*29,268	...
Commercial Solvents Corp	1935	2,702,092	1.02	2,346,237	.89
Eureka Pipe Line Co	1935	101,432	...	.....	...
Gair (Robert) Co	1935	820,448	.46	935,423	.67
General Printing Ink Corp	1935	924,059	3.88	700,332	2.64
Harbison-Walker Refractories Co	1935	1,805,669	1.18	1,247,461	.77
Houston Oil Co. (Tex.)	1935	837,639	.27	216,990	...
Mathieson Alkali Works	1935	1,359,776	1.44	1,165,836	1.20
National Transit Co	1935	429,660	...	.....	...
Northern Pipe Line Co	1935	76,575	.64	83,687	...
Penick & Ford, Ltd	1935	1,052,960	2.85	1,405,514	3.80
Pittsburgh Oil & Gas Co	1935	*24,188	...	*48,035	...
Ruberoid Co	1935	505,746	3.81	415,807	3.14
Seaboard Oil Co. (Del.)	1935	1,650,000	1.33	1,373,590	1.11
South Penn Oil Co	1935	2,231,357	...	1,954,919	...
Sterling Products Co	1935	8,308,073	4.84	8,289,202	4.79
St. Joseph Lead Co	1935	486,200	.25	*812,534	...
United States Gypsum Co	1935	3,491,252	2.47	2,155,368	1.35

* Deficit.

Virginia-Carolina Plans Retirement of Preferred

Directors of the Virginia-Carolina Chemical Corporation, Richmond, Va., are considering plans for retiring all or part of the remaining outstanding 7 percent prior preference stock of the corporation valued at $5,437,200, A. Lynn Ivey, president, stated that the board had discussed retirement of the stock and that the plan probably would be an important item on the agenda for the next board meeting, March 20. If all the stock is retired, Mr. Ivey explained, the corporation likely would obtain a bank loan of about $2,500,000, which, together with surplus funds in the company's treasury, would be used to retire the outstanding 7 percent stock at $110, plus accrued dividends.

Oil or gas leases on county lands would be authorized by a bill (S. 210) introduced in the New York legislature by Senator Hanley.

F.W.D.A. Pledges Manufacturers Full Support in Their Stabilization Plans

(Continued from Page 27)

that this had not daunted those manufacturers who desired price-stabilization and they were vigorously endeavoring to find a legal, practicable means of effecting it. With this endeavor, he declared, the co-operative wholesalers were in full accord.

This brought the speaker around to the chief point of disagreement between manufacturers who desire price stabilization and the co-operative wholesalers—the so-called "discrimination" against co-operatives in the selection of wholesale distributors, because the manufacturers regard the payment of patronage dividends to its customers by a co-operative house as a rebate on a suggested price. Mr. Williamson, declaring that this attitude was the result of inadequate information, quoted pertinently from a report of the Department of Commerce, from the presidential ruling in connection with NRA codes, and from other commentaries, to show that the distribution by co-operatives of their earnings on the basis of purchases by their customers is not regarded by economists or those interested in fair competition in price as a subterfuge in price-cutting, but that this practice is looked upon as fair and an equitable application of the results of efficient operation.

Mr. Williamson said that the manufacturers' attitude was erroneous because, while it is the prime object of co-operative wholesalers to get the best price for independent retailers. they afford manufacturers real protection in stabilization efforts as they do not sell to predatory price-cutters or to others than drug retailers. This practice, he declared, does not encourage price-cutting at retail, and a co-operative wholesaler will cut off a customer who engages in predatory price-cutting. He emphasized the desire and purpose of the co-operatives to support sincerely the stabilization efforts of manufacturers; and, returning later to the matter, he said that the co-operatives were willing to make their methods flexible enough to meet the reasonable demands of manufacturers. This statement was brought out by the fact that, under the so-called "factor plan," the co-operatives do not apply the patronage dividends to the products under the plan, but disburse their earnings on these in larger dividends on other lines.

At the request of the associate members, Mr. Williamson's talk will be distributed in mimeograph form to all members of both classes in the association.

Manufacturers' Side

There can be no real price stabilization, said Earl A. Means, of the Bristol-Myers Company, unless all distributors of any division operate under the same rule. This was not possible, he continued, when wholesalers of one type were allowed to do what those of another type were not. He expressed full accord with and appreciation of the services of co-operative wholesalers, but he said that he could not regard a patronage dividend otherwise than as a rebate from a suggested price.

What can be paid as a patronage dividend, Mr. Means said, depends on the price at which goods can be bought. He asked in this connection what would be the result if such allowances were permitted on the part of "inside" buyers who get sometimes twice as much in discounts as other buyers are given. He recited some of his experience with wholesalers who sells his goods at a larger discount than they get from the Bristol-Myers Company. He added that he had been told that at least one member of the Federal association did so, and he urged that the organization guard against such practices and prevent the "wildcatting" that exists in other groups.

The biggest problem of the trade, Mr. Means said, was that presented by the combining for buying of a few retailers in a community, their insistence on being recognized as a wholesaler with the right to allow each member the full wholesaler's discount. This practice, he said, is supported by claims that no cost attaches to the distributive operations of the druggist who receives the goods for a group.

Wholesalers' Functions

Questioning the practicability of solving the problems of distribution by law, Ray A. Whidden, of Bauer & Black, said that the best minds of the drug industry must devise a sound method of remedying the evils. Stabilization at retail requires stabilization at wholesale, he said, and the manufacturer has an obligation to see that the retailer makes a profit, that all wholesalers are on a parity, and that all distributors are protected against competitive underselling.

Mr. Whidden declared that the wholesaler has a rightful place in the system of distribution, but that he must add to his routine functions as a distributor that of assisting his retailing customers to better their selling practices. Buying well is not the sole essential of successful retailing, he said. Retailers are willing to pay for assistance in selling, Mr. Whidden said, and he mentioned some of the wholesalers that are functioning in this manner.

Mr. Whidden sounded a warning that manufacturers and wholesalers should be up and doing in all that is required of them for the stabilization of the retail trade, as otherwise, with the growth of the racket-type of distribution, the whole system would be wrecked. He urged that the problems of distribution be thoroughly studied, and that the trends of distributive practices be carefully analyzed.

Much of the difficulty in connection with the problems of distribution was attributed by Samuel Antonow, of the Vadsco Sales Company, to manufacturers engaging in wholesaling and retailing, wholesalers' engaging in

S. Barksdale Penick
Chairman of F.W.D.A. Joint Sessions

manufacturing and retailing, and retailers' engaging in manufacturing and wholesaling. Equalization of discounts, properly classified, was necessary, he said, and he blamed the manufacturer because of inside allowances. He also criticized as uneconomic the spending of 30 to 50 percent of the value of sales for advertisng, contending that the devoting of a large part of this to the profits of wholesalers and retailers would be better for all. Mr. Antonow said that it was difficult to help the retailer to function better, but he urged that all branches of the trade co-operate for stabilization.

Legislative Remedies

In the discussion of proposed legislative remedies for the ills of distribution the Robinson-Patman bill to correct discriminations in price was, commended by a number of speakers. Earl Means said that this measure held the greatest promise of price stabilization. Pointing out that the co-operative wholesalers paid their patronage dividends openly, he said that manufacturers should approve this policy but must condemn discrimination which allows a chain to put a store in a neighborhood and wreck competition, offsetting the losses from the receipts of other units. The Robinson-Patman bill would block discrimination at wholesale and at retail, he declared, and would be a really stabilizing instrument.

Mr. Antonow, vigorously supporting the Robinson-Patman bill, urged that efforts be made to remove the opposition of certain New York members of the house. He held that price stabilization, without equalization of discounts and the elimination of special favors would harm, rather than help, the independent retailer.

The associate members voted unanimously to adopt a communication to the association requesting that both groups be put on record in support of the enactment of the Robinson-Patman bill. Although there was some question about the extra authority to be given to the Federal Trade Commission as Mr. Means put it, that was regarded as something to be chanced.

The Tydings bill for a Federal enabling act to complement State laws authorizing price-maintenance contracts was analyzed by several speakers, and its actual value was doubted by most of them. Mr. Means made the point that, because the State laws were being held invalid with respect to the restraint on dealers who would not sign contracts. the Federal enabling act would be without anything to enable. Dealers who will sign contracts require no law to lead them to maintain fair prices, he said; and price-cutters will not sign contracts.

Mr. Means pointed out further that even when a manufacturer had become domesticated in a State to operate under a contractual law, he could not legally ship goods into the State direct to dealers with whom he had contracts. The Tydings bill would not correct this, he said, because it would legalize only a manufacturers' crossing State lines in making intrastate contracts, thus avoiding the necessity of costly domestication, but would not legalize interstate shipments under such contracts.

E. C. Brokmeyer, counsel of the association, agreed with Mr. Means that, while the purpose of the Tydings bill was desirable and necessary for the effectiveness of State laws, it could be worth no more than a State act to which it was applicable. He agreed that permissive legislation of any sort was inadequate, and that a mandatory law against price discrimination would be far better. Hugh Craig, of the OIL, PAINT AND DRUG REPORTER, said that purpose and courage were more needed than was legislation; that far less would result for price stabilization from any enabling act than could be accomplished by condemning and stopping disabling actions on the part of manufacturer, wholesaler, and retailer. He suggested that under a State contractual law nonsigners could be eliminated by selecting them out of the picture.

H. B. Thomas, of the Centaur Company, supported the "stop loss" type of legislation for stabilizing prices. Such a law is in force in Connecticut; it is based on the NRA code method of fixing the manufacturer's list price as the minimum retail price. Mr. Thomas believed that the general enactment of State laws of this type would be very helpful to the cause of price stabilization at least as a first step. He felt that this method was not getting the attention it deserved.

M. C. Dunaway of Mead Johnson & Co., said that his company was offering to lend financial support for the enactment of State "stop loss" laws. He pointed out, however, that the California law of a similar nature had been declared invalid. This, it was said, resulted from what Mr. Thomas called the uneven basis of the California law, which defined the controlling cost as comprising replacement cost of the goods, including discounts, and the overhead cost of the dealer.

Mr. Brockmeyer pointed out that the code method had reduced prices to the consumer. E. C. Williams, of Becton, Dickinson & Co., said that manufacturers would support any plan that would maintain the retailer and get his co-operation.

The Factor Plan

Perhaps the most helpful contribution to the discussion of price stabilization was the comment by W. J. Quinlan, of the International Cellucotton Products Company, of the factor plan of selective distribution. The salient feature of this plan is the appointment of wholesalers as factors of the manufacturer, the latter retaining ownership of his goods in the wholesaler's hands. Mr. Quinlan's company selected its factors on the basis of several years' experience with the ordinary method of selecting wholesale outlets. It limited the number to that which it felt to be necessary to provide adequate service.

The company's factors are required to deposit with it an amount of money representing the estimated or calculated inventory of the factor on the basis of turnover, This deposit is changed in amount as circumstances indicate. The factor agrees to maintain the manufacturer's price in sales to retailers. Co-operative wholesalers, that are factors, do not pay patronage dividends on purchases of the company's goods.

Mr. Quinlan said that the plan had proved better than other efforts at stabilization his company had tried. Its effectiveness, he said, was indicated by the fact that distrbutors who apparently had been supplied through backdoors were endeavoring to get recognition as factors of the company. In his belief the eventual plan would be a commission one for the wholesaler, as he looked upon the cost of wholesale distribution as part of a manufacturer's overhead and the commission basis would do away with the subsidizing of big buyers.

Under the factor plan his company had more than doubled the proportion of its distribution through the wholesale trade; had been able to reduce the number of its salesmen materially; and had cut its distribution cost from 8 percent to 2.8 percent. He explained that the plan included a provision for indemnities from factors, and that the factor agreement was cancellable on written notice by either party. In this connection he advised that an intention to cancel a contract be carried out immediately—"with a truck at the factor's shipping entrance to take away your goods at once."

Max Norris, of E. R. Squibb & Sons, said that his company had been operating on a factor plan for seventeen months with gratifying results. It requires a relatively small deposit on which interest at 6 percent is paid. The plan, he said, had increased the discount allowed wholesalers and had put an end to discrimination in price by wholesalers.

From the point of view of the co-operative wholesaler, S. C. James, of the Ellicott Drug Company, urged that efficiency be adequately recognized in fixing the amount of deposit required. H. Z. Krupp, of the Philadelphia Wholesale Drug Company, said that the factor plan was the best of all tried as helpful to the independent retailer. Its few defects, he said, could easily be remedied, if the prime importance of the retailer's interest was recognized. He felt that the provision for a deposit required careful consideration, and he said that uniformity among the plans of various manufacturers was desirable. One of the best features of the plan as he saw it was that it could limit quantities and discounts to a retailer and thus prevent resales to demoralizers of trade.

Mr. Krupp considered the factor plan legally sound. In this he was supported by Mr. Brokmeyer on the basis of the supreme court decision in the General Electric case. Mr. Means could see but slight difference between the factor plan and the consignment plan to which, he said, wholesalers object because of the records and reports required. He had found the complaints of retailers against being denied discounts discouraging in efforts to stabilize prices. Mr. Krupp replied that firmness was essential in this connection, citing certain conditions in Philadelphia to illustrate his point. Mr. Means said that the first necessity for success was that the retailer, as well as wholesaler and manufacturer, really want stabilization.

Mr. Williams said that wholesalers could not exist if they persisted in uneconomic, foolish practices. Price-maintenance efforts have failed, he declared, because they attempted to protect inefficiency. Price-fixing must recognize a fair profit, or it will invite destructive competition. He condemned the putting of a premium on inefficiency and advised manufacturers to ascertain what is a fair cost of distribution, the stabilization of prices, in his belief, being wholly up to the manufacturer.

Mr. Craig suggested that efficiency be properly defined, pointing out that it was by some considered efficient for a department store to sell drug-store merchandise at cost or less although its overhead was greater than that of the individual drug store. Economic efficiency, he said, would eliminate both wholesaler and retailer, and he held a preference for economic sufficiency—a place and a profit for all to the extent that each could prove his deserts. The movement for expansion of the co-operative idea among consumers was mentioned again by Mr. Craig as something deserving attention of all established distributors.

The factor plan was most promising in Mr. Craig's opinion, but it required careful thought and adjustment because the manufacturer with several hundred items was in a position very different from that of the manufacturer with but one or two. Various influences affect the working of the factor plan, he said, pointing to the experience under the antifreeze alcohol plan when the manufacturers were made jittery by the delayed appearance of cold weather last Fall.

P. C. Magnus, of Magnus, Mabee & Reynard, essential oils, as president of the New York Board of Trade, extended greetings to the association and expressed the hope that harmony and satisfaction would come out of its efforts for stabilization. Samuel C. Henry voiced appreciation of the value of the co-operative drug wholesaler, and urged that all divisions of the trade co-operate to inform the public with reference to the wisdom of buying from the independent retail druggist.

Thurston Merrell, of the William S. Merrell Company, said that the pharmaceutical manufacturer, although not exposed to the full evils of price-cutting, had a direct interest in the efforts to get rid of the evil. Interdependence of all branches of the industry, said Herman Dietel, of Merck & Co., made the stabilization efforts of real interest to manufacturers of pharmaceutical chemicals.

Mr. Penick said that the associate members group lacked ten of its desired membership of one hundred. He added that there should be no difficulty in filling the quota, but urged that quality be the prime consideration. Telegrams of greeting were read from Turner Currens in Hawaii and John W. Darganel, secretary of the National Association of Retail Druggists. A telegram of regrets and good wishes was sent to O. J. Cloughly, of the St. Louis Wholesale Drug Company, who had been kept at home by illness.

Summing up the impressions of the joint sessions, Secretary Williamson said that these were most gratifying. He declared that the co-operatives would always demand a place in the distributive system and said that he felt that they fully deserved it, and should not be confounded with two-man quasi-buying club's because they performed a real service. President Seiberlich, Chairman Penick, Mr. Means, and others joined in Mr. Wil-

liamson's appraisal of the joint sessions.

Minneapolis was selected by the association as the place of the 1936 annual meeting, which will be held sometime around September 1. Plans were laid for providing in the program for that and all subsequent meetings means of affording manufacturers larger opportunities in their contracts with the active members of the association.

In connection with its plans to maintain closer and more extensive contacts with manufacturers the association authorized its secretary, R. E. Lee Williamson, whose headquarters are in Baltimore, to spend as much time in New York as in his judgment seemed to be necessary.

Commercial Solvents Net For 1935 Up 15 Percent

Commercial Solvents Corporation and subsidiaries report for the year 1935, net profits of $2,702,092, after depreciation, provision for Federal taxes, and other charges, compared with net profit of $2,346,237 for the year 1934. This is the largest net income since 1930 and is equivalent to $1.02 per share on 2,636,356 common shares in 1935, compared with 89 cents on 2,636,042 common shares in 1934. The consolidated balance sheet shows total assets, liabilities and capital of $20,667,322 compared with $17,218,958 for the previous year.

William D. Ticknor, chairman of the board, in the report to stockholders stated that all the plants of the corporation had operated continuously throughout the year, with the exception of the Louisiana alcohol plant which, as usual, was run only in preparation for the anti-freee season. That the net income for the year exceeded that of any year since 1930 was due, he said, in large measure to the diversification of products which had been achieved. Thirty-two products of importance are now manufactured. This diversification permits sales efforts to be stressed on those products which are most readily salable, or most profitable, under particular seasonal or other conditions. Thus, during the early months of the year, the sale of beverage alcohol and bourbon whiskey, which were in increasing demand, offset reduced sales of butanol and acetone, which were not pushed at that time owing to high cost of production and new and price-cutting competition. Unseasonably mild weather in November and December resulted in disappointing sales of anti-freeze in spite of a somewhat more extensive advertising program than was attempted in previous years. One interesting development was in the shipments of dry ice from the Peoria plant which in 1935 totaled 13,604,650 pounds compared with 3,032,703 pounds in 1934.

Drug Store Chain Sales Up 6.4 Percent in 1935

Sales of chain drug stores for the year 1935 increased 6.4 percent over the sales for the year 1934, according to a report made by Secretary of Commerce Roper. No allowance was made for changes in the number of store units operated by reporting companies in the two years. Tobacco sales were 6.9 percent greater in 1935 than in the previous year. Fountain sales showed an increase of 11.4 percent and all other sales rose 4.2 percent above the sales for the year 1934.

Average daily sales of chain drug stores for the month of January, 1936, were 2.6 percent larger than January, 1935. Tobacco sales increased 7.5 percent, fountain sales increased 12.9 percent and all other sales decreased 2.6 percent.

The companies whose reports were used in this summary accounted for about 70 percent of the total dollar volume of chain-drug store sales in 1934 and operated store units in 45 states and the District of Columbia.

Obituaries

(Continued from page 26)

died February 20 in his home in Floral Park, Long Island. He was sixty-five years old, and devoted forty-five years of that period to the service of the Lueders company.

Mr. Buehler was born in Mannheim, Germany, and came to the United States in 1891. On September 1 of that year he entered the shipping department of the Lueders company. Devoted study of transportation problems led to his becoming head of the department and, traffic manager, assuming the entire responsibility for the shipment of the company's merchandise. He was recognized as a specialist and expert in his chosen field and suggestions from him were often sought by the various freight and classification committees of the national railroad system. As an authority in his field, he contributed many papers and articles which were read before the classification committees.

Mr. Buehler had not been in the best of health for several months, and the order of his physician which prevented his attending the Golden Jubilee dinner of the company, October 10, 1935, was one of his keenest disappointments in life. Early this year, he fell victim to pneumonia which left him in a weakened state and ultimately resulted in his death.

Funeral services were held February 22 from his late home and interment was in Greenfield Cemetery, Hempstead, Long Island, on February 23.

Surviving Mr. Buehler are his wife, two sons, one of whom is Frederick G. Buehler, secretary of the Lueders company, and a daughter, in addition to several grandchildren.

William J. Cummins

William J. Cummins, chairman of the board of the Tennessee Products Corporation, Nashville, died of a heart attack in a hotel in Chicago, February 24. He was seventy-four years old. A Native of Paris, Tenn., Mr. Cummins engaved in the brokerape business in Nashville for many years before coming to this city. He became chairman of the board of the Carnegie Trust Company. Later he bought the Bon Air Coal & Iron company, Nashville, and was vice-president and general manager. The company then had a monthly business of $25,000. In 1924, when Mr. Cummins appeared before the United States Agricultural Committee advocating turning Muscle Shoals over to Henry Ford, he said the company owned 250,000 acres and had a business of $1,000,000 a month. The next year the Bon Air Coal Company, the Bon Air Chemical Company, and the Chattanooga Coke & Gas Company were the nucleus of a $30,000,000 merger, which resulted in the Tennessee Products Corporation.

Wentworth G. Marshall

Wentworth G. Marshall, founder of the Marshall Drug Company, Cleveland, operating forty-six stores, died at his home in that city February 24 of broncho-pneumonia. He was seventy-three years old. Mr. Marshall was a native of Mount Forest, Ontario; was graduated from Owen Sound Collegiate Institute, near his birthplace, and went to work for L. H. Yoemans, a leading Canadian chemist. After several years he moved to Cleveland and bought an interest in a small drug store, from which grew his chain organization. Surviving are his wife, and two sons, George G. and Wentworth G. Marshall.

Mrs. Elspeth Merck Henry, of Llewelyn Park, West Orange, N. J., wife of Snowden Henry, New York insurance broker, and daughter of George Merck, founder of Merck & Co., manufacturing chemist, died in Chestnut Hill hospital, Philadelphia, February 24. She was forty years old. Mrs. Henry was a native of New York. Surviving, beside Mr. Henry, are two daughters, the Misses Caroline and Sally Henry; a son, Bayard Henry; her mother, Mrs. George Merck; a brother, George W. Merck, president of Merck & Co., and three sisters, Mrs. George W. Perkins, New York; Mrs. Henry Wheeler, Manchester, N. H., and Mrs. Huntington Sheldon, New York.

George R. King, a retired president of the United States Gypsum Company, and president of the Kingsway Hotel Company, Hot Springs, Ark., died of a heart attack in his suite in the hotel February 22. He was seventy-seven years old. Mr. King was a native of New York. Surviving are his wife, and a son, Alfred F. King, this city.

Miss Cecelia Mathias, sister of Joseph Mathias, president of James B. Horner & Co., essential oil merchant, this city, died February 21 at her home in Brooklyn. The funeral was held February 24. This was the third death in the Mathias family, a brother, Joseph, having died on January 26 and a nephew also passed away.

Joseph A. McDonald, assistant manager for the Liggett Drug Company, this city, for several years, died at his home in Plainfield, N. J. February 24. He was forty-eight years old. Surviving are his wife; two sons, Joseph F. and Bernard J. McDonald; three daughters, Alice C., Vivienne V., and Ruth C. McDonald; his mother, two sisters and a brother.

Charles J. B. Swindell, president of Swindell Bros., glass manufacturer, Baltimore, died at his home in Roland Park, a Baltimore suburb, February 20, following a week's illness. He was seventy-eight years old. Mr. Swindell was the son of the late William Swindell, one of the pioneers in the glass business, and received his education in the public schools and the Baltimore City College. He entered the firm organized by his father and older brothers at the age of twenty-five and became president in March, 1934, following the death of his brother Walter. Surviving are his wife and sister.

Henry E. Wrensch, formerly vice-president of the New Jersey College of Pharmacy, Newark, died at his home in Glen Ridge, N. J., February 17, after a long illness. He was sixty-three years old. Surviving are his wife, two brothers and two sisters.

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Dyestuffs:—"Dyestuffs," the quarterly published by the National Aniline & Chemical Company, carries a series of informative and valuable presentations in its current issue, including:—"Textile Assistants," by R. K.; "Spring 1936 Silk Colors for Fur Felt Hats"; "Dyes for Coloring Paper," by Ivar Ekholm; "Screen Printing," by Pieter Mijer; "National Avirol AH Extra"; and "The Removal of Spots from Hosiery," by A. **(355)**

Emulsifiers:—"Acmil," announced by Glyco Products Company, is a new hard, wax-like solid which is self-dispersible in hot water, forming stable creams or liquid emulsions according to the concentration. Lemon juice, hydrogen peroxide, oxyquinoline sulphate and other materials generally difficult to hold in emulsion can be easily incorporated into creams by means of this new emulsifying agent, the company claims. It acts also as an emulsifying agent for oils, solvents, and waxes, producing creams stable in acids, fruit juices, hydrogen peroxide and the like. **(356)**

Equipment: — "Agitating, Mixing Equipment," published by the Patterson Foundry & Machine Company, describes and illustrates a varied line of equipment for paint making, clay working, chemical processes, and food —crushing, grinding and mixing equipment. **(357)**

Equipment:—"Dunco Relays," issued by Struthers Dunn, Inc., is the company's 1936 catalogue of electrical control equipment and special devices manufactured by the company, with price lists of some of the products. **(358)**

Fertilizers:—"Aero Cyanamid" and "Granular Aero Cyanamid," leaflets published by the American Cyanamid Company, desribe this product of the company—"an air-nitrogen fertilizer in which the nitrogen is combined with soil-improving lime." Granular "Aero Cyanamid" contains 21 percent nitrogen and 70 percent hydrated lime. One ton supplies 420 pounds of nitrogen and 1,400 pounds of hydrated lime. **(359)**

Formaldehyde: — "How to Insure Your Crops With Formaldehyde," published by E. I. duPont de Nemours & Co., is a pamphlet nontechnical in style and intended for the information of farmers. It describes seed grains which may be benefited by treatment and the diseases formaldehyde is intended to control. One section discusses treatments of soil and vegetable seeds. The method of treating soil is new and facts not before available are given. **(360)**

Metals:—"Tantalum," published by the Fansteel Metallurgical Corporation, is a new edition of the company catalogue, giving the unusual properties of the metal and its use in many diverse industries and in an infinite variety of equipment. **(361)**

Pigments:—"Zinc Pigments for Cold Water (Casein) Paints," put out by the New Jersey Zinc Company, describes new zinc pigments made by the company, for which claims are made of ease and completeness of dispersion, hiding power, clearness of color, permanence of color and smoothness of finish. These pigments are:—"Albalith 165," a high dispersion, low consistency pigment, made on a lithopone base; "Cryptone BA 140," a zinc sulphide pigment (barium) containing approximately 50 percent zinc sulphide, a high dispersion, medium consistency pigment; "Cryptone BT 164," a zinc sulphide pigment (titanium-barium), containing approximately 85 percent Albalith lithopone and 15 percent titanium dioxide, a high dispersion, medium consistency pigment; and "Cryptone ZS 160," a technically pure zinc sulphide (98 percent zinc sulphide), the highest optical strength pigment in the zinc sulphide series and 150 percent greater than "Albalith 135" in this property, and is a high dispersion pigment of medium consistency. **(362)**

Pyroxylin:—"Cinelin Chips," issued by the Cinelin Company, describes a new material which will be of interest to users of nitrocellulose or concentrated pyroxylin solutions, and which can be used in making practically all pyroxylin products. "Cinelin Chips," which are composed of 90 percent nitrocellulose and 10 percent camphor carefully blended with a stabilizer, are claimed by the manufacturer, to be unique in that they are not alone lower in price but are superior in quality to nitrated cotton. The new material can be used without changing present formulas or adding to equipment. **(363)**

Reagents: — "Laboratory Reagents," published by the Coleman & Bell Company, is a booklet of 132 pages giving the prices of a wide variety of products manufactured by this company. Its table of contents includes inorganic and organic chemicals, C.P., U.S.P. and other grades; chemical indicators; biological stains (dry), including vital stains and medicinal stains; and reagents and solutions, stains in solution, indicators in solution, blood reagents, diagnostic reagents, fixing solutions, mounting media, volumetric solutions, and test papers. **(364)**

Rubber:—"A Rubber Plantation in New Jersey," published by the Thiokol Corporation, is an interesting narrative of the discovery of a new synthetic rubber, "Thiokol," by Dr. J. C. Patrick, while seeking a new anti-freeze compound for motor cars. The small book carries the reader through an illuminating history of the development and production of this new synthetic for a great variety of uses. **(365)**

Solvents: — "Neville Coaltar Solvents," published by the Neville Company, is a thirty-six-page booklet describing various of the Neville solvents, including standard coke oven light oil distillates, special coaltar naphthas and plasticizing oils. The booklet contains various Neville solvents specifications, solubility table, miscibility table, table of relative evaporations, comparative solvency table, specific gravity conversion table, and temperature conversion table. The data serves to indicate their properties and a number of important applications. A price list also is included. The company invites consultation on specific uses, and will give special attention readily to consumers having unusual solvent requirements. **(366)**

Solvents: — "Shellacol, the Handy Solvent," is a leaflet issued by the Commercial Solvents Corporation, describing the advantages and uses of "Shellacol." Unlike the completely denatured alcohols, "Shellacol" has an agreeable odor entirely free from objectionable characteristics; is an excellent solvent for a wide range of materials such as shellac, spirit soluble gums and resins, dyes, stains, oils, and greases, and is supplied in attractive lithographed containers of 54 gallons, five gallons, and one gallon. **(367)**

Synthetics: — "Mirasol Synthetics," published by the Carbogen Chemical Company, describes a new series of synthetic coating materials of the alkyd type made by a novel process. The company is offering to the trade base materials which "in addition to the qualities expected from this type of synthetics, such as extreme durability on weather exposure and high gloss retention, possess other outstanding characteristics such as paleness, fast set, and compatibility with basic pigments." The products are made up of alkyd resins and oils. No natural resins, ester gum, or phenolic products are used in their manufacture. **(368)**

Turtle Oil:—"Turtle Oil 100%" is the title of a folder issued by the Edwin Seebach Company describing the turtle oil manufactured by this company for the better grade of cosmetics and the like. The company guarantees its product as 100 percent pure unadulterated turtle oil, containing no additions whatsoever of any organic substances or any other oil, fat, wax, grease, or water. **(369)**

Waxes:—"Colloy Wax," issued by the Beacon Company, describes a self-emulsifying wax of unusual interest, having all the characteristics of carnauba wax. It disperses in water to form a water wax emulsion of high stability. When coated on a clean surface, a hard transparent film is left on drying, which gives a high gloss. This may be augmented by a shellac solution. **(370)**

Waxes: — "Wersmithco Synthetic Waxes," distributed by the Werner G. Smith Company, announces that the company is placing on the market a line of synthetic waxes designed to replace nearly all of the natural waxes now used commercially. They are in eight standard grades, each bearing a code number and an individual name. **(371)**

Mead Johnson Case Postponed

WASHINGTON, Feb. 26, 1936.

Final argument in the Federal Trade Commission's case against Mead Johnson & Co., Evansville, Ind., scheduled for today, will be held in Washington March 4, the commission announces. The company is charged with illegal resale price-maintenance in the sale of "Dextri-Maltose," an infants' food.

Lacquer Sales: Fourth Quarter, 1935

Sales of clear lacquers, pigment lacquers, lacquer bases and dopes and thinners, including package sales to jobbers and dealers, for the fourth quarter of 1935 totaled 11,639,352 gallons and were valued at $15,855,873, and sales for the year 1935 totaled 37,769,536 gallons, valued at $49,231,768, according to the statistics compiled by the Bureau of Census based upon data supplied by 158 manufacturers. The 1934 sales were 33,810,728 gallons, valued at $44,403,522. The first tabulation listed below shows sales reported by 158 manufacturers for 1935 and for the third and fourth quarters of 1934, while the second table presents sales by 102 Manufacturers for 1935, 1934, 1933:—

Sales of Lacquer (158 Identical Manufacturers)

	Total		Clear lacquers		Pigment lacquers		Lacquer bases and dopes.		Thinners	
1935.	Gallons.	Value.	Gallons.	Value.	Gallons.	Value.	Gallons.	Value.	Gallons.	Value.
First quarter	8,230,039	$10,618,239	1,834,418	$2,551,912	2,211,968	$4,915,806	370,766	$447,100	3,812,887	$2,703,421
Second quarter	9,028,065	11,415,809	*1,856,517	*2,568,044	2,424,617	5,284,258	*445,525	*524,981	4,301,406	3,038,526
Third quarter*	8,872,080	11,341,847	2,054,210	2,897,899	2,235,096	4,839,373	455,261	529,610	4,127,513	3,074,965
Fourth quarter	11,639,352	15,855,873	2,215,208	3,086,376	4,008,583	8,774,214	521,685	581,366	4,803,876	3,413,917
Totals	37,769,536	$49,231,768	7,960,353	$11,104,231	10,830,264	$23,813,651	1,793,237	$2,083,057	$17,135,682	$12,230,829
1934.†			Finished lacquers				Dopes			
			Gallons.	Value.			Gallons.	Value.		
Third quarter	6,504,116	8,699,900	3,211,524	$6,039,576			280,455	$358,233	3,012,137	2,302,091
Fourth quarter	5,857,033	7,925,977	2,945,497	5,519,637			257,888	309,390	2,653,648	2,096,950

Sales of Lacquer (102 Identical Manufacturers)

	Total		Clear lacquers		Pigment lacquers		Lacquer bases and dopes.		Thinners	
1935.	Gallons.	Value.	Gallons.	Value.	Gallons.	Value.	Gallons.	Value.	Gallons.	Value.
First quarter	*7,317,291	$9,528,368	1,405,820	$2,123,052	*2,047,402	$4,527,927	327,220	$392,925	3,536,849	$2,484,464
Second quarter	8,078,745	10,255,865	1,473,540	2,147,103	2,246,004	4,887,825	340,186	405,187	4,019,015	2,815,750
Third quarter*	7,883,929	10,118,399	1,684,700	2,457,631	2,042,567	4,416,093	330,400	406,983	3,826,262	2,837,692
Fourth quarter	10,530,763	14,500,890	1,791,134	2,606,365	3,805,127	8,308,570	330,864	396,916	4,603,638	3,189,039
Totals	33,810,728	$44,403,522	6,355,194	$9,334,151	10,141,100	$22,140,415	1,328,670	$1,602,011	15,985,764	$11,326,945
1934.			Finished lacquers				Dopes			
			Gallons.	Value.			Gallons.	Value.		
First quarter	6,216,891	8,562,351	3,096,347	$6,051,532			289,173	$358,199	2,831,371	$2,152,620
Second quarter	7,291,137	9,682,257	3,359,790	6,596,680			286,407	382,057	3,644,940	2,703,520
Third quarter	6,017,650	8,014,088	2,906,029	5,507,960			273,295	349,043	2,838,326	2,157,085
Fourth quarter	5,363,798	7,246,888	2,633,455	4,988,166			254,413	305,726	2,475,990	1,952,996
Totals, year	24,889,476	$33,505,584	11,995,621	$23,144,338			1,103,288	$1,395,025	11,790,567	$8,966,221
1933.										
First quarter	3,905,846	5,323,315	1,916,350	3,668,615			224,348	253,076	1,765,148	1,401,624
Second quarter	5,935,608	8,044,749	2,938,643	5,561,381			288,697	331,200	2,708,268	2,152,168
Third quarter	6,568,896	8,890,314	3,340,182	6,176,543			295,888	372,924	2,932,826	2,340,847
Fourth quarter	4,490,940	6,229,776	2,450,501	4,424,790			186,465	227,232	1,853,974	1,577,754
Totals, year	20,901,290	$28,488,154	10,645,676	$19,831,329			995,398	$1,184,432	9,260,216	$7,472,393

* Revised.
† Data for 158 establishments not available for periods prior to the third quarter of 1934.

U.S. Revenue: January

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for January, 1936, compared with January, 1935, as follows:—

Taxes Collected

	January	
	1936.	1935.
Distilled spirits, domestic, excise tax	$15,995,127.82	$11,523,406.24
Distilled spirits, imported, excise tax	2,293,917.37	1,080,063.56
Distilled spirits, rectification tax	691,239.68	370,375.88
Gasoline	14,008,583.93	14,451,106.55
Lubricating oils	1,981,240.12	2,184,487.59
Matches	495,538.45	503,612.23
Narcotics, including special taxes	23,263.77	25,049.93
Oleomargarin, excise taxes	99,279.35	91,765.23
Oleomargarin, special taxes	22,330.26	29,643.00
Toilet preparations, etc.:—		
At 5 percent	489,804.04	229,631.49
At 10 percent	643,718.31	683,945.61
Transportation of oil by pipelines	946,130.05	698,011.89
Total income and miscellaneous internal revenue	$180,984,742.65	$142,358,516.00

Quantities Taxes

	January	
	1936.	1935.
Distilled spirits, domestic, tax gallons	7,893,927	5,718,373
Distilled spirits, rectified, proof gallons	2,304,132	1,234,586
Distilled spirits, imported, tax gallons	1,146,957	540,032
Oleomargarin, colored, pounds	58,568	76,382
Oleomargarin, uncolored, pounds	37,329,420	33,647,564

Unilever's Suit Against Norway Whalers Settled

LONDON, Feb. 21, 1936.

Settlement has been reached in the High Court here of the action brought by Unilever, Ltd., against Bryde and Dahl's Hvalfangerselskap A/S and others, in which Unilever claimed a declaration that a contract dated May 10, 1934, was still in force, and an injunction to prevent the defendants from acting in alleged breach of it.

The contract provided that the plaintiffs should buy from the defendants the entire quantity of crude whale oil produced during the 1934-35 season, up to 111,000 tons. The contract was renewed for 1935-36. The plaintiffs were to be entitled to purchase oil from other producers, but if the prices paid exceeded the prices payable to the defendants under the contract those prices were to be raised to the same figure.

Norwegian legislation restricted the capture of whales in 1935 and limited the season and the result was, the defendants contended, that the contract had been frustrated and could no longer be lawfully performed by either party.

Counsel A. T. Miller, K.C., said the terms of the agreement which were mutually satisfactory, were that the defendants admitted that the agreement was binding, that a contract price of $68.75 should be substituted for $42.50, and that the whaling companies should pay $25,000 for the plaintiffs' costs. The plaintiffs also gave an undertaking to make no claim for the return of the ex gratia payment of $225,000 made by them to the whaling companies.

Packaging Exposition to Be Held March 3 to 6

Outstanding problems in packaging, packing and shipping will be analyzed by national authorities in four days of conferences, clinics, and round-table meetings held concurrently with the Sixth Packaging Exposition, at the Pennsylvania hotel, this city, March 3 to 6, according to the American Management Association, which is sponsoring the meetings and exposition. The Irwin D. Wolf Awards, for the most effective packaging, will be announced at a luncheon March 4.

The exposition will be open each day from noon to 10 o'clock p. m. Among the exhibitors this year will be the American Can Company, the Armstrong Cork & Insulation Company, the Bauer & Black Company, the Bakelite Corporation, the Carter's Ink Company, the Celluloid Corporation, the Cleveland Container Company, the Colgate-Palmolive-Peet Company, the Container Corporation of America, the Continental Can Company, the Corn Products Refining Company, the Devoe & Raynolds Company, the DuPont Cellophane Company, the Robert Gair Company, the Food Industries Company, the General Plastics Company, the Hinde & Dauch Paper Company, the Richard Hudnut Company, the Johnson & Johnson Company, the National Adhesives Corporation, the O-Cedar Corporation, the Owens-Illinois Glass Company, the Paint Process Company, the Procter & Gamble Company, the Reynolds Metals Company, the Sefton National Fiber Can Company, the United Drug Company, Valentine & Co., and the Wilson & Bennett Manufacturing Company.

Superphosphate Production: 1935

Production of bulk superphosphate in 1935 was 2,954,130 tons, compared with 2,868,016 tons in 1934 and 2,694,870 tons in 1933, according to the Bureau of Census statistics based upon reports from 69 manufacturers whose production accounted for more than 95 percent of the total value of superphosphate reported at the Census of manufactures for 1933. Production of base and mixed goods totaled 109,609 tons against 116,535 tons in 1934 and 117,046 tons in 1933. Stocks of bulk superphosphate at the end of 1935 totaled 1,217,767 tons against 1,159,392 tons at the end of 1934 and 1,089,179 tons at the end of 1933; stocks of base goods were 619,909 tons against 567,974 tons in 1934 and 497,589 tons in 1933. Details of production, stocks and shipments for 1935 and comparative data for 1934 follow:—

	Produced					Stocks		Shipments.
	Bulk		Base and mixed goods.				Base and mixed goods.	
1935.	Northern district.	Southern district.	Northern district.	Southern district.	Received* Total U. S.	Bulk. Total U. S.	Total U. S.	(bulk) Total U. S.
January	175,208	167,002	4,189	8,706	43,145	1,189,505	738,351	145,702
February	136,829	145,981	4,772	4,613	30,057	1,100,817	823,646	177,524
March	142,945	108,341	4,933	4,267	32,439	964,940	623,122	367,045
April	120,571	82,581	6,037	1,377	40,268	814,804	354,842	320,959
May	101,111	67,273	5,791	1,779	44,723	831,536	237,321	163,203
June	124,100	42,995	6,172	2,269	18,963	870,835	297,111	87,018
July	131,499	73,606	6,329	405	22,357	914,169	366,162	75,392
August	111,223	110,549	4,427	2,438	41,176	979,038	442,315	93,514
September	101,629	124,688	5,026	3,458	35,037	1,013,399	352,774	191,277
October	130,178	151,714	7,460	2,744	37,902	1,102,407	319,011	171,809
November	144,524	143,783	4,480	6,173	52,416	1,199,542	433,418	108,372
December	167,853	152,947	7,540	4,224	48,119	1,217,767	619,909	145,494
Total (Year)	1,587,670	1,366,460	67,156	42,453	446,599	.....	.....	2,047,309
1934.								
January	158,784	169,561	4,040	10,183	37,078	1,130,174	671,692	137,192
February	122,590	172,744	5,755	9,669	31,069	1,124,243	768,753	165,102
March	133,290	152,472	3,203	7,195	41,172	976,775	664,731	327,846
April	138,907	94,029	2,825	2,059	30,650	806,914	369,970	374,012
May	112,308	55,601	3,588	81	23,940	820,096	249,021	159,291
June	113,047	40,189	3,727	62	12,176	839,680	268,537	90,827
July	102,519	44,565	4,752	736	15,708	871,093	328,668	61,939
August	87,841	64,725	7,810	2,059	24,880	875,320	392,723	75,250
September	93,429	94,578	6,565	2,841	24,687	880,238	301,065	180,990
October	139,531	136,913	10,928	2,593	25,469	867,279	321,241	141,875
November	154,366	153,287	5,920	10,039	43,482	1,078,044	425,496	105,501
December	160,935	171,205	3,743	6,169	38,318	1,159,392	567,974	121,027
Total (Year)	1,518,147	1,349,869	62,856	53,677	348,629	.....	.....	1,949,857

* From other acidulators includes inter-company transfers, and, both bulk superphosphates and base and mixed goods.

Lime Sales Tonnage and Value Higher in 1935

Sales of lime by producers in the United States in 1934 amounted to 2,952,000 short tons, valued at $21,428,000, according to preliminary figures furnished by lime manufacturers to the United States Bureau of Mines. This was an increase of 23 percent in quantity, and 25 percent in value compared with the sales of 2,397,087 tons, valued at $17,164,024, in 1934. The average value per ton in 1935 was $7.25; in 1934, it was $7.16. The total sales of lime in 1935 included 990,000 tons of hydrated lime, valued at $7,764,000, an increase of 19 percent in quantity and 23 percent in value, compared with 829,430 tons, valued at $6,324,623, in 1934. The average value per ton of hydrated lime in 1935 was $7.84; in 1934 it was $7.63.

Sales of chemical lime (not including dead-burned dolomite) were 1,570,000 tons, valued at $10,255,000, compared with 1,338,723 tons, valued at $8,726,617, in 1934, an increase of 17 percent in quantity and 18 percent in value. Sales of dead-burned dolomite (refractory lime) were 430,000 tons, valued at $3,600,000, compared with 324,868 tons, valued at $2,698,414, in 1934, an increase of 32 percent in quantity and 33 percent in value; and of agricultural lime, 275,000 tons, valued at $1,857,000, compared with 222,077 tons, valued at $1,478,128, in 1934, an increase of 24 percent in quantity and 26 percent in value.

The following table shows sales of lime by uses in 1935 and 1934:—

Uses of Lime Sold by U. S. Producers, 1935-1934

	1935		1934	
	Short tons.	Value.	Short tons.	Value.
Agriculture	275,000	$1,857,000	222,077	$1,478,128
Building	677,000	5,716,000	511,419	4,260,865
Chemical	1,570,000	10,255,000	1,338,723	8,726,617
Refractory (dead-burned dolomite)	430,000	3,600,000	324,868	2,698,414
Totals	2,952,000	$21,428,000	2,397,087	$17,164,024
Hydrated lime included in above totals	990,000	7,764,000	829,430	6,324,623

Baltimore Drug Bowlers

Because the Penn-Maryland team let up a little, it lost the third of the contests played February 24 with the Noxzema Chemical Company quintet in the matches of the Baltimore Drug Trade Bowling League. Even the third score could not be regarded as poor, since it was set at 841 points, but the Noxzema contingent made 869 against only 783 in the first encounter. In the second game the Penn-Marylanders piled up 939 points.

Bromo-Seltzer led the Armstrong Cork Company group consistently, taking all three games, although it had to make 906 in the second game. The third was easy because the Corks did no better than 791. McCormick & Co. whitewashed the Loewy Drug Company by substantial margins.

The standing of the teams follows:—

	Won.	Lost.	P.C.
Penn-Maryland	14	7	.667
Bromo-Seltzer	13	8	.619
McCormick & Co.	12	9	.571
Armstrong Cork Company	9	12	.429
Noxzema Chemical Company	9	12	.429
Loewy Drug Company	6	15	.286

Glue Stock Freights Reduced

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the Fonda, Johnstown & Gloversville railroad, on glue stock, fleshings, hide trimmings, tanners offal and ossein, dry or green, carload, minimum weight, 36,000 pounds from Fonda to Johnstown, 5 cents per hundredweight. Reduction from class rates. Effective February 3 and expires June 30.

Trade News Briefs

Wilson & Geo. Meyer & Co., industrial and agricultural chemicals, reports the opening of new Los Angeles offices and warehouse, at 2461 Hunter street.

A. E. Staley Manufacturing Co., Decatur, Illinois, maker of corn products, has issued a graph showing the range of prices for crude corn, cottonseed and soybean oils over a period of 16 years.

Chilean Nitrate Educational Bureau gave a banquet and dance for the 350 persons attending a recent agricultural extension conference in State College, Miss. The affair was under the direction of C. M. Tingle, State manager.

International Printing Ink Corporation has been awarded the bronze medal for a "research project conspicuous in advancing the science of advertising," in the first series of advertising awards made by Advertising & Selling magazine.

Fertilizer regulations in conformity with the acts of the 1935 legislature have been adopted by the Alabama Board of Agriculture. One requirement is that all shipments of fertilizer, regardless of size, must be reported to the State Departament of Agriculture.

Ivis Company, Inc., has been formed in Buffalo to manufacture dental powder and other pharmaceuticals, and a plant has been put into operation. Charles A. Buerk, president of the Buffalo Electro-Chemical Company, is head of the Ivis concern, and Leon S. LaPorte, formerly vice-president of the Foster-Milburn Company, is vice-president and general manager.

W. H. Gordon, vice-president of Chamberlin & Barclay, Inc., fertilizer manufacturer, Cranbury, N. J., and I. D. Barclay, treasurer, of the same company, have been vacationing in Florida. Earle W. Hendrickson, of Hendrickson & Dilatush, Inc., Robinsville, N. J.; James S. Coale, vice-president of I. P. Thomas & Son, Camden, and Walter Royce, sales manager of Baugh & Co., Philadelphia, were also Florida vacationists.

Methanol Data: December

Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the months of 1935 include production figures for thirty-three manufacturers, and those for the months of 1934 for thirty-six manufacturers. Four manufacturers went out of the methanol business and one began reporting with January, 1935.

Production

	Gallons			
	1935		1934	
	Crude.*	Synthetic.	Crude.*	Synthetic.
Jan.	356,477	1,209,171	361,822	979,644
Feb.	363,781	1,126,799	338,863	690,941
March	411,326	1,308,230	365,322	916,879
April	450,941	1,167,282	348,807	754,980
May	453,322	1,203,143	371,392	897,294
June	385,472	1,198,180	346,702	922,551
July	379,309	1,278,505	305,152	939,439
Aug.	403,020	1,389,812	298,050	951,534
Sept.	405,034	1,530,554	309,392	1,079,910
Oct.	454,233	2,508,978	340,165	1,309,086
Nov.	478,474	2,373,475	366,200	1,780,970
Dec.	478,331	1,654,794	374,780	1,301,841
Total	5,048,720	18,046,929	4,121,647	12,534,424

* The refined equivalent would be approximately eighty-two percent of the crude production. The figures for crude methanol have been revised for the months of 1935 and 1934 as a result of correspondence with manufacturers.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets **Technical Information for Processors**

Fully protected by copyright

Four Hundred-seventy-eighth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Acetoxime

Fuel

Primer (Brit. 429763) for—
Diesel engine fuel oils produced by the hydrogenation of coal

Petroleum

Primer (Brit. 429763) for—
Diesel oils containing a high proportion of aromatic bodies

Acroleinoxime

Fuel

Primer (Brit. 429763) for—
Diesel engine fuel oils produced by the hydrogenation of coal

Petroleum

Primer (Brit. 429763) for—
Diesel oils containing a high proportion of aromatic bodies

Antimony Pentachloride

(Antimonpentachlorid, Pentachlorantimon, Pentachlorure d'Antomoine, Pentachloruro de Antimonio, Pentacloruro di Antimonio)

Chemical

Catalyst in making—
Tetrachloroethane from acetylene and chlorine
Chlorinating agent in—
Organic synthesis

Dye

Chlorinating agent in making—
Dyestuffs

4-Benzoylamino-3-hydroxy-2-methylquinolin

Dye

Starting point (Brit. 429176) in making—
Greenish-yellow dyes for wool, by fusing with phthalic anhydride and sulphonating the product

Bismuth Bromide

(Bromure de Bismuth, Bromuro de Bismuto, Bromuro di Bismuto, Bromwismut, Wismutbromid)

Chemical

Catalyst (Brit. 398527) in making—
Esters from lower aliphatic acids and olefins

Bismuth Phosphate

(Fosfato de Bismuto, Fosfato di Bismuto, Phosphate de Bismuth, Phosphorsaeureswismut, Wismutphosphat)

Chemical

Catalyst (Brit. 398527) in making—
Esters from lower aliphatic acids and olefins

Bismuth Sulphate

(Schwefelsaureswismut, Solfato de Bismuto, Solfato di Bismuto, Sulfate de Bismuth, Wismutsulfat)

Chemical

Catalyst (Brit. 398527) in making—
Esters from lower aliphatic acids and olefins

Bismuth Trioxide

(Bismuth Oxide, Bismuth Yellow, Oxido de Bismuto, Oxido di Bismuto, Oxyde de Bismuth, Trioxido de Bismuto, Trioxido di Bismuto, Trioxyde de Bismuth, Wismutoxyd, Wismuttrioxyd)

Ceramics

Ingredient of—
Glazes

Chemical

Catalyst (Brit. 402438) in making—
Ethylene oxide from ethylene as an intermediate step in making ethyleneglycol and its derivatives
Ingredient (Brit. 405282) of—
Catalytic mixture used in making acetic acid from carbon monoxide, methanol, and steam
Starting point in making—
Bismuth salts
Hard, granular, porous gels having catalytic or adsorbent properties by peptizing with an organic acid, such as formic, acetic, or chloracetic acid, and nearly dehydrating the peptized mass (Brit. 398517)

Glass

Ingredient of—
Red glass batches

Miscellaneous

Ingredient (Brit. 403233) of—
Mineral oxide mixtures used in the production of weatherproof luminous substances

Pharmaceutical

In compounding and dispensing practice

Rubber

Ingredient (U.S. 1844306) of—
Vulcanizable rubber compound

6-Brom-2:4-dinitroanilin

Dye

Starting point (Brit. 429936 and 430079) in making—
Blue dyestuffs for acetate rayon and animal fibers by diazotizing and coupling with 2:5-dimethoxybutylbetasulphatoethylanilin
Navy blue dyestuffs for acetate rayon and animal fibers by diazotizing and coupling with the alphabutyl, betabutyl, or betapropyl derivative of 3-betasulphatoethylaminoparatolylmethyl ether
Red-violet dyestuffs for acetate rayon and animal fibers by diazotizing and coupling with ethylbetasulphatoethylanilin
Violet dyestuffs for acetate rayon and animal fibers by diazotizing and coupling with methylbetasulphatoethylanilin

4-Bromodiethylacetylamino-1-phenyl-2:3-dimethyl-5-pyrazolone

Pharmaceutical

Claimed (U.S. 1906200) as—
Febrifuge

Butyraldoxime

Fuel

Primer (Brit. 429763) for—
Diesel engine fuel oils produced by the hydrogenation of coal

Petroleum

Primer (Brit. 429763) for—
Diesel oils containing a high proportion of aromatic bodies

6-Chlor-2:4-dinitroanilin

Dye

Starting point (Brit. 429936 and 430079) in making—
Blue dyestuffs for acetate rayon and animal fibers by diazotizing and coupling with 2:5-dimethyoxybutylbetasulphatoethylanilin
Navy blue dyestuffs for acetate rayon and animal fibres by diazotizing and coupling with the alphabutyl, betabutyl, or betapropyl derivative of 3-betasulphatoethylaminoparatolylmethyl ether
Red-violet dyestuffs for acetate rayon and animal fibres by diazotizing and coupling with ethylbetasulphatoethylanilin
Violet dyestuffs for acetate rayon and animal fibers by diazotizing and coupling with methylbetasulphatoethylanilin

Chloroacetic Acid Dodecylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Chloroacetic Acid Octadecylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Dichloroacetic Acid Cyclohexylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Dichloroacetic Acid Octadecylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Gammachlorobutyric Acid Dodecylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Gammachlorobutyric Acid Octadecylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Gammachlorovaleric Acid Octadecylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Heptaldoxime

Fuel

Primer (Brit. 429763) for—
Diesel engine fuel oils produced by the hydrogenation of coal

Petroleum

Primer (Brit. 429763) for—
Diesel oils containing a high proportion of aromatic bodies

Meta-aminophenyltrimethylammonium Chloride

(Chlorure de meta-aminophenyltrimethylammonium, Cloruro de meta-Aminofeniltrimetilamonio, Cloruro di meta-aminofeniltrimetilammonio, Meta-aminophenyltrimethylammoniumchlorid)

Dye

Intermediate in making—
Azophosphin
Janus yellow G and R
Janus red B
Janus blue B

2-Naphthylmethyl Ketone

Mechanical

Improver (Brit. 404046) of—
Exhaust odors from internal combustion engines (added to fuels not derived from petroleum, either alone or in conjunction with (1) artificial musk compounds, or (2) artificial musk compounds and any of the following: Camphor, waste camphor oil, borneol, bornyl acetate, clove oil, ionone, coumarin, indole, skatole, paracresyl acetate, methyl anthranilate, isopropylmethylhydrocinnamic aldehyde)

Petroleum

Reagent (Brit. 404046) for—
Improving exhaust odors from internal combustion engines (added to gasoline or diesel oil, either alone or in conjunction with (1) artificial musk compounds, or (2) artificial musk compounds and any of the following: Camphor, waste camphor oil, borneol, bornyl acetate, clove oil, ionone, coumarin, indole, skatole, paracresyl acetate, methyl anthranilate, isopropylmethylhydrocinnamic aldehyde)

5-Sulpho-2-chlorobenzoic Acid Benzylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

5-Sulpho-2-chlorobenzoic Acid Betaphenylethylester

Detergent

Starting point (Brit. 408754) in making—
Saponaceous products by reaction with tertiary amines, which may be used alone or with other soaps, fillers, or compounds giving off oxygen

Tall Oil

(Liquid Rosin, Tallol, Talloel)

Chemical

Starting point in making—
Fatty acids
Sulphonated oils

Paper

Ingredient of—
Paper sizing (admixture with montan wax)
Rosin size for paper (U.S. 1929115)
Reducing agent (U.S. 1929115) for—
Melting point of rosin size

Soap

Ingredient of—
Soapstock (in admixture with palm-kernel or coconut oil)
Starting point in making—
Soaps

Coaltar Chemicals

Crude Naphthalene Shortage Unrelieved — Refined Naphthalene Firm — Cresylic Acid Continues Strong — Benzol Quiet — Phthalic Anhydride and Betanaphthol in Demand

Business in the market for the coaltar chemicals continued at a good pace during the week just completed. The shortage in several basic products promoted the firm character of the general price tone, with a shortage noted in naphthalene, cresylic acid, toluol, solvent naphtha and xylol. Benzol demand was considered only fair. A slightly better call was reported for the intermediates and colors.

Cresylic acid continued in limited supply, with a broad inquiry coming from the synthetic resin industry as well as the oil refiners and other routine consumers. The fact that the inquiry was in excess of the supplies was a factor prominent in causing a strong tone. Reports from London and Germany were such to indicate that no alleviation in the shortage has taken place there. Sellers were still faced with the fact that some consumers were re-selling what surplus stocks were available after having withdrawn full contract commitments. And quantity purchases of imported material was subject to cable acceptance. Cresol demand was considered fairly good, with a firm price tone in evidence.

Benzol demand was termed only fair last week, with the prices showing no change. Steel operations started the week at 52.9 percent of capacity as against 51.7 percent in the previous week, according to the American Iron and Steel Institute. A month ago operations were at 49.4 percent of capacity and a year ago at 47.9 percent. Toluol demand was fairly good, with the market still short of supplies. Indications were that the automible industry would show a drop of approximately 100,000 units in the February when compared with the January total of approximately 270,000 units. This decline in operations could to some extent be attributed to the unfavorable weather conditions. March output was expected to show improvement, provided a break comes in the weather.

The market for naphthalene was much the same as the preceding period, with the shipments moving forward at a fair pace. Reports from abroad still told of the shortage there, with the shortage in some instances reaching acute proportions. However, the full reflection of the shortage was expected to be noted starting with the current month, when the active shipping season for refined naphthalene gets under way. Solvent naphtha, xylol and high flash naphtha were scarce. The market for creosote oil was in a firm position. Anilin oil demand was good, and a broad call was shown for beta-naphthol and phthalic anhydride as well as for certain other intermediates and colors.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.4	125.4	125.3	122.1

Market news that may have developed after this report was sent to press will be found on page 2.

Basic Products

Benzol.—Business in the industrial material continued on a favorable scale throughout the period under review, with the buying originating in the usual quarters of consumption including the rubber tire industry and the chemical processors. However, it was apparent that consumers were covering for immediate production wants only. Labor unsettlement was still noted in the rubber industry in the Akron area. Steel operations started the week at 52.9 percent of capacity, compared with 51.7 percent in the preceding period, according to the American Iron and Steel Institute. A month ago operations were at 49.4 percent and a year ago at 47.9 percent of capacity. Iron Age reported that the strength in the industry, after an uneven January performance, is something of a puzzle to steel company executives, for despite the depressing influence of lowered automobilep roduction, price irregularity and unfavorable weather conditions, steel production moved forward last week.

Cresol.—This market revealed little change, with the shipments moving out at a fair pace, and prices continued steady to firm.

Creosote Oil.—Demand continued on a fair basis throughout the week, with the shipments moving forward at a representative pace, and prices ruled firm, and a good portion of the firmness was due to the technical position of the market, in that supplies were not too plentiful.

Cresylic Acid.—A good volume of business was noted in this market again last week, with the demand in excess of the supplies, for the reports from abroad indicated that no easing had taken place in the shortage there. Domestic market also reported the inquiry was more than the stocks on hand. Prices were decidedly strong.

Naphthalene.—A broad buying movement was shown for the crude material throughout the week just closed, with the sellers reporting that a shortage was still in existence abroad. The nominal position of the market remained unchanged as far as price was concerned, and the full effects of the shortage was expected to be noted with the start of the current month when the active season for refined naphthalene usually gets under way. Prices for refined material were said to be decidedly firm.

Phenol.—Synthetic resin makers continued to order out supplies in a good volume during the week just ended, with the shipments moving to the pharmaceutical trade at fair pace, and the prices displayed a decidedly firm tone.

Solvent Naphtha.—Business in the industrial water white commodity continued on a good scale throughout the week, with the call equivalent to actual production. And prices were firm. No slackening was shown in demand for the high flash, with prices decidedly firm.

Tar Acid Oils.—A good interest was shown in this market, with the price tone said to be slightly firmer, but no change was disclosed in the schedule. The statistical position of the market favored the presence of the firmer tone.

Toluol.—A shortage continued in evidence here, with the prices reported strong. Indications were that the February automobile production would show a drop of close to 100,000 units as compared with the 270,000 produced in January, but with a break in the weather during the current month production was expected to be stepped up considerably.

Xylol.—Demand was in excess of actual production, with the result the spot market was without supplies, and prices were regarded as decidedly firm.

CHICAGO, Feb. 27.—The market remains firm on virtually every grade of materials in the coaltar bases. The demand is holding up well for virtually every product on the list. Benzol business is reported in good volume. Toluol and xylol have moved out well to buyers. Sellers report no difficulty in realizing asked prices. Ruling prices exclusive of tax are: Benzol, 90 percent, 18c. per gallon; motor benzol, 13c.; toluol, 30c.; 10 degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13c.

Coaltar Acids

Anthranilic.—Demand was fair during the week, with the prices displaying a firm tone.

Benzoic.—This situation revealed little change during the course of the week under survey, with the shipments moving forward at an irregular pace, and prices ruled unchanged.

Gamma.—A fair amount of business was transacted in this direction during the period under review, with the market noting a steady to firm tone.

Fumaric.—Nothing new occurred in this direction, with the shipments moving forward at an irregular pace, but prices were well maintained.

Salicylic.—This product continued to enjoy a good demand throughout the week under review, with a firm tone a prominent factor in the dealings.

Sulphanilic.—Another quiet week was in evidence here during the week, with the market demand coming from routine consumers, and prices ruled unchanged.

Other Intermediates

Alphanaphthol.—Demand was irregular during the week, but the price tone remained firm.

Anilin Oil.—Shipments were moving out in good volume throughout the period under survey, with the prices displaying a decidedly firm tone.

Benzidin Base.—Nothing new oc-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 4

BARRETT CHEMICALS

Barrett

COKE OVEN LIGHT OIL DISTILLATES

MORE EVEN EVAPORATION RATES

Barrett Coke Oven Distillates include Benzols, Toluols, Xylols, Solvent Naphtha and Hi-Flash Naphtha, closely cut to limit the number of chemical individuals. They assure maximum uniformity in solvent strength and behavior.

The time range for the complete evaporation of these solvents is only five to six times that for the first quarter. This means a shorter period required for drying or evaporation, less working space required, and less opportunity for subspecification products.

For complete information on Barrett Coke Oven Distillates — initial and end points, evaporation ranges and characteristics — write for our convenient specification chart. We will gladly cooperate with you in selecting the most suitable solvent and in developing special solvents for your purposes. Inquiries are invited.

BENZOL
TOLUOL
XYLOL
SOLVENT NAPHTHA
HI-FLASH NAPHTHA

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

curred in this direction, with the market recording a steady to firm tone, although demand was a rather dull affair.

Betanaphthol.—This situation offered little change, with the shipments moving forward in substantial volume, and prices were decidedly firm, and sellers were reported to have a good volume of business on the books for delivery later in the year.

Dinitrobenzene.—A fair amount of business was transacted for routine account during the week just ended, with the prices displaying a decidedly firm tendency.

Dinitrotoluene.—Usual buyers supplied a fair amount of interest in this direction, and prices were regarded as steady to firm.

Nitrobenzene.—Shipments continued to move out at a fair pace throughout week, with a firm tone a prominent factor in the dealings.

Paranitroanilin.—Orders were reaching this market at well spaced intervals, but the market retained a steady to firm price appearance.

Phthalic Anhydride.—No slackening was shown in the call for this article throughout the week just ended, with the market displaying a firm tone, and prices ruled unchanged.

Toluidin.—This market was much the same as the preceding period, with the demand termed fair, and prices were unaltered.

Xylidin.—A firm tone was a prominent feature here throughout the week, although demand showed little improvement.

Coaltar Colors

The market for the coaltar colors continued to move along at an irregular pace during the week just ended. Consumers in all quarters of the market continued to practice the policy of purchasing for immediate production requirements only, and prices ruled unchanged. Reports from the various textile districts indicated that production was going along at a conservative pace, with the majority of manufacturers waiting for some improvement in the retail demand before broadening production schedules. And the weather has been factor in holding back retail buying. Cotten cloth industry was reported slow. Business was concerned with the gray, blues and brown. Shoe industry was operating at representative levels. Colors utilized in stains continued to experience an irregular call. Prices generally were said to be steady to firm.

J&L LIGHT OIL DISTILLATES
PURE BENZOL
90% BENZOL
PURE TOLUOL · XYLOLS
SOLVENT NAPHTHA
JONES & LAUGHLIN STEEL CORPORATION
AMERICAN IRON AND STEEL WORKS
JONES & LAUGHLIN BUILDING, PITTSBURGH, PA.

KOPPERS
BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE
KOPPERS PRODUCTS COMPANY
KOPPERS BUILDING PITTSBURGH, PENNA
Offices and Plants in Important Cities

San Francisco Coast Trade

(Continued from page 60)

CHARCOAL, ANIMAL—4 bls, President Cleveland, New York
CINNAMON QUILLS—173 bls, San Marcos, Los Angeles
CHLORINE BLEACH, LIQ—728 cs, Dakotan, Seattle
1,078 cs, Dakotan, Tacoma
6,250 cs, Point Caleta, New Orleans
850 cs, Point Caleta, Mobile
6,500 cs, Californian, Port Newark
8,500 cs, President Cleveland, New York
109 tons, Peter Kerr, Albany
CLAY, CALCINED—18 tons, Arizonan, New York
COCONUT DESIC—26 cs, San Marcos, Jacksonville
260 cs, San Marcos, Savannah
50 cs, President Cleveland, Boston
3,747 cs, President Cleveland, New York
118 cs, President Cleveland, Los Angeles
1,115 cs, Susan V Luckenbach, New York
314 cs, Susan V Luckenbach, Philadelphia
CORE COMPOUND—15 bbls, 174 sks, 10 kegs, Dakotan, Seattle
CUTCH EXTRACT—674 sks, President Cleveland, New York
FERTILIZER—1,500 sks, Silverado, Seattle
FIG PASTE—2 tons, San Marcos, Jacksonville
FIRE EXTINGUISHER CHARGES—4 cs, Dakotan, Seattle
FISH MEAL—270 tons, Timber Rush, Philadelphia
495 tons, Timber Rush, Albany
270 tons, Timber Rush, Boston
FLAVORING EXTRACT — 10 cs, Dakotan, Seattle
SYRUP—24 cs, Dakotan, Seattle
GINGER ROOT—50 csks, President Cleveland, Boston
GLUE, DRY—117 sks, Andrea F Luckenbach, Seattle
150 sks, Point Caleta, New Orleans
200 sks, President Cleveland, New York
GLYCERIN—35 bbls, President Cleveland, New York
GUM, COPAL—18 sks, San Marcos, New York
320 sks, Californian, New York
124 sks, President Cleveland, New York
HEATING FLUID—1 dm, Dakotan, Seattle
IRON CHLORIDE—2 dms, Dakotan, Seattle
LACQUER REDUCER—24 tons, Timber Rush, New York
LARD SUBSTITUTE—70 dms, Lena Luckenbach, Seattle
60 tons, Jacox, Seattle
5 tons, Jacox, Tacoma
VEGETABLE—200 cs, San Marcos, Jacksonville
LEAD, RED, DRY—22 kgs, Dakotan, Seattle
WHITE—142 kgs, Dakotan, Seattle
LIME—600 sks, Andrea F Luckenbach, Portland, Ore
HYDRATED—1,200 sks, Lena Luckenbach, Seattle
SULPHATE SOLUTION—46 dms, Lena Luckenbach, Tacoma
LITHARGE, DRY—2 kgs, Dakotan, Seattle
MAGNESITE—455 tons, Arizonan, Philadelphia
MAGNESIA CARBONATE—18 tons, Californian, Port Newark
HYDROXIDE PASTE—18 tons, Arizonian, New York
SULPHATE—68 sks, Dakotan, Seattle
MANURE, SHEEP—18 tons, Californian, New York
1,030 sks, President Cleveland, New York
MILK POWDER—20 tons, Arizonian, New York
SUGAR—16 tons, Arizonian, Philadelphia
MUSTARD SEED—13 tons, Timber Rush, Philadelphia
OIL—2 dms, Dakotan, Seattle
100 tons, Bandon, Marshfield
CHINAWOOD—27 dms, President Cleveland, New York
191 dms, Susan V Luckenbach, New York
ESSENTIAL—4 tons, Timber Rush, New York
LUBRICATING—1 cs, Dakotan, Seattle
OLIVE—10 tons, Arizonan, New York
SARDINE—115 dms, Willimoto, Seattle
OLEOMARGARIN—760 cs, Andrea F Luckenbach, Portland, Ore
PAINT—400 pkgs, Brookings, Portland, Ore
118 kgs, 270 cs, Dakotan, Seattle
20 pls, Point Caleta, Mobile
DRIER—18 tons, Timber Rush, Philadelphia
DRY—44 cs, 1 dm, Dakotan, Seattle
PASTE, ADHESIVE—1 bbl, Dakotan, Seattle
PEPPER, BLACK—81 sks, Lena Luckenbach, Portland, Ore
POLISH, METAL—7 cs, Dakotan, Seattle
POTASH PERMANGANATE—5 dms, Dakotan, Seattle
PUTTY—5 cs, Dakotan, Seattle
RODENT POISONING—1 cs, Dakotan, Seattle
SALT—320 cs, Andrea F Luckenbach, Portland, Ore
400 sks, Lena Luckenbach, Portland, Ore
2,000 pkgs, Brookings, Portland, Ore
150 tons, Jacox, Seattle
22 tons, Jacox, Tacoma
15 tons, Jacox, Olympia
4,500 pkgs, Silverado, Seattle
SAND—13,000 bgs, Silverado, Everett
SOAP—501 cs, Dakotan, Seattle
3,574 cs, Andrea F Luckenbach, Portland, Ore
635 cs, President Cleveland, New York
20 tons, Jacox, Seattle
POWDER—1 bbls, President Cleveland, New York
VEGETABLE—11 tons, San Marcos, Norfolk
SODA BISULPHATE—1 cs, Dakotan, Seattle
SILICATE—41 dms, Dakotan, Seattle
50 dms, Lena Luckenbach, Tacoma
SULPEHIDE—1 dm, Dakotan, Seattle
SULPHUR DIOXIDE—4 dms, Andrea F Luckenbach, Seattle
SESAME SEED—56 sks, President Cleveland, New York
TALLOW—36 tons, Arizonan, New York
TOILET PREPS—14 cs, Dakotan, Seattle
16 cs, Dakotan, Tacoma
10 cs, President Cleveland, New York
VARNISH—116 cs, Dakotan, Seattle
22 dms, Andrea F Luckenbach, Seattle
WASHING COMPOUND—13 tons, Jacox, Tacoma
WAX, BEEFD—848 sks, Silverado, Seattle
ZINC HYDROSULPHITE—50 dms, Andrea F Luckenbach, Seattle
200 dms, President Cleveland, New York

Recent Charters

MOLASSES — 10,930 tons, S S Apache, six months' time charter, 4s 9d; March-April
PETROLEUM — 9,940 tons, S S William Strachan, dirty, twelve months, 5s 9d; March-April
7,500 tons, S S Ruth, clean, Constanza, Hamburg, 12s; February
13,500 tons, S S Thorshov, crude, Iraq, United Kingdom, Continent, 9s 6d; March
6,500 tons, S S Sliedrecht, clean, Constanza, London or White Booth Roads, 11s 6d; 6d extra two ports; February
8,500 tons, S S Ophelie, dirty, United States Gulf, French Atlantic, 14s 6d; February-March
8,500 tons, S S Strix, clean, Constanza, Alexandria, 6s; February
5,800 tons, S S ——, Bayonne, four ports United Kingdom, Continent, lubricating oil, 18s 3d; March
9,000 tons, S S Karabagh, clean, Aruba or Curacao, United Kingdom, Continent, 11s 6d; February
13,000 tons, S S Athel, dirty, Aruba, China, 20s; February
8,000 tons, S S Sommerstad, dirty, fixed for six months, Abadan, Aden, 8s 6d, completing with Abadan, United Kingdom, Continent, at 24s; February
12,000 tons, S S Alexander Hoegh, dirty, California, United Kingdom, Continent, 18s 6d to 19s; March
9,000 tons, S S Sveve, clean, Abadan, United Kingdom, Continent, 21s; March
2,000 tons, S S Deodata, dirty, Constanza, two ports Adriatic, 20s, combined with 700 tons, Constanza, Istanbul, 10s; February
9,000 tons, S S Vera, clean, Abadan, United Kingdom, Continent, 23s; February 15-29
13,000 tons, S S Nordanger, dirty, California, Japan, 15s, five consecutive voyages, commencing February
—— tons, W W Bruce, light fuel, Gulf to N H, 31c; March
9,000 tons, S S John P Pedersen, Gulf, North Spain, 13s 4½d; South Spain, 14s; fuel or gas oil, one-two trips; March
12,000 tons, S S Imperial Transport, Aruba or Curacao, United Kingdom, Continent, 11s 6d, option intermediate trip basis 8s. to St. Vincent, 8s 3d; Dakar, 8s 9d; Las Palmas, dirty; March
13,000 tons, S S Capella, crude and (or) fuel and (or) diesel, California, Japan, 15s 6d; February
9,000 tons, S S Svolder, clean, California, Shanghai, Dairen range, 13s 6d; Philippines, 16s 9d; March
8,500 tons, S S Kattegat, fuel and (or) gas oil, North Spain, 13s 4½d; South Spain, 14s, one-two trips; February 25-March 15
4,000 tons, S S Beme, clean, Constanza, Arzew, 10s; February
10,000 tons, S S Scottish Heather, fuel and (or) gas oil, Gulf, North Spain, 13s 4½d; South Spain, 14s, one-two trips; March 20-April 10
PETROLEUM—10,000 bbls, S S Myriam, dirty, Black Sea to Algiers, 9s 6d; February
9,500 tons, S S Mijdrecht, clean, Aruba to Lisbon, Leixoes, 12s, option Gulf loading
10,000 tons, S S Vinga, dirty, Trinidad to Oslofjord, 11s 10½d; March
13,000 tons, S S O A Knudsen, dirty, Gulf to Buenos Aires, 17s 3d; April
10,500 tons, S S Frontenac, fuel oil, Trinidad to Ceuta, 10s 6d; February 25-March 15
14,700 tons, S S Mosvold, dirty, twelve-month time charter, 6s; Pacific trading; March-April
6,600 tons, S S Hamlet, gas oil, Constanza to Continent, 14s; February 2
9,940 tons, S S Filliam Strachan, dirty, twelve-month time charter, Pacific trading, 5s 9d; March
13,000 tons, S S Emma Maersk, dirty, California to Japan, 17s 6d; March 5-31
13,000 tons, S S Athel, dirty, Aruba, Curacao, to United Kingdom, Continent, 11s 6d; March
9,000 tons, S S Evina, dirty, California to Japan, 15s, followed by two trips same voyage, 14s 6d; February-March
8,800 tons, S S Duivendrecht, United States Gulf, North Spain, 13s 3d
7,500 tons, S S Raila, clean, Constanza, Avonmouth, Preston, 13s; March 20-April 3
11,500 tons, S S Nora, dirty, California, Japan, 15s 6d, two consecutive voyages commencing March 25-April 15
8,800 tons, S S Evita or substitute, clean, California, Dalny, 17s; April
10,000 tons, S S Ima, dirty, Aruba, Curacao, United Kingdom, Continent, 11s 6d; March
13,500 tons, S S Krossfonn, clean, Russian Black Sea, Far East, 23s 6l; March
14,000 tons, S S Gretafield, dirty, Aruba, Curacao, United Kingdom, Continent, 11s 6d; March
6,800 tons, S S Hamlet, gas oil, Constanza, Hamburg, 14s; London, 14s 6d; February 15-29
PITCH—— tons, S S Naaldijk, Gulf, Bordeaux range, forward loadings; March

Cargo Ship Arrivals

February 22 to March 6

New York

Adria	Antwerp	Mar 5
Alaunia	Havre*	Mar 2
American Banker	London*	Mar 2
American Merchant	London	Feb 25
American Shipper	Liverpool*	Feb 24
Ancon	Cristobal*	Mar 2
Andania	Liverpool*	Mar 2
Antofagasta	Valparaiso*	Feb 29
Arizonan	Portland*	Feb 25
Berengaria	Southampton*	Mar 3
Bergensfjord	Oslo*	Mar 6
Bessa	Hernosand	Feb 28
Black Condor	Antwerp*	Feb 25
Black Eagle	Antwerp*	Mar 3
Black Gull	Antwerp	Mar 1
Borinquen	Trujillo*	Mar 2
Bremen	Bremen*	Mar 2
Bristol City	Bristol*	Feb 24
Buenaventura	Port au Prince*	Feb 25
Buffalo Bridge	Tacoma*	Mar 1
Calgary	Freetown*	Feb 24
Californian	Seattle*	Feb 29
Calmar	Seattle*	Feb 28
Caracas	Puerto Cabello*	Feb 26
Champlain	Havre*	Mar 4
City of Johannesburg	Liverpool	Mar 5
Coamo	Trujillo*	Feb 24
Culberson	Buenos Aires*	Feb 25
Eastern Prince	Buenos Aires*	Feb 24
Emilia	San Juan	Mar 2
Excambion	Beirut*	Mar 4
Exermont	Genoa*	Mar 2
Exmoor	Piraeus*	Feb 27
Fernebo	Bahia*	Feb 26
Flora	Maracaibo*	Feb 24
Fort Amherst	St John's*	Feb 27
Frederik VIII	Copenhagen*	Mar 2
Gerolstein	Antwerp	Feb 27
Glenbank	Calcutta*	Feb 27
Greystoke Castle	Davao*	Feb 26
Haiti	Cristobal*	Feb 24
Henry D Whiton	Tacoma*	Feb 25
Hokuroku	Shanghai*	Feb 26
Iriona	Puerto Barrios*	Feb 25
Isarco	Genoa*	Mar 3
Jakob Maersk	Port Said*	Feb 24
Jane Christenson	Seattle*	Mar 5
Jean Jadot	Antwerp	Feb 27
Kelso	Hull	Mar 4
Kota Baroe	Batavia*	Feb 25
Lara	Curacao*	Mar 5
Leerdam	Rotterdam	Feb 27
Liberty	Dundee*	Feb 26
Lina L D	Calcutta*	Feb 26
Luna	Maracaibo*	Mar 2
Mahanada	Calcutta*	Feb 27
Makiki	Honolulu*	Mar 5
Mandu	Santos*	Feb 27
Manuela	San Juan*	Feb 24
Manuel Arnus	Corunna*	Mar 3
Maria	Flume*	Mar 5
Mauna Kea	Honolulu*	Mar 5
Missourian	Seattle*	Mar 5
Montreal City	Fowey*	Mar 1
Munargo	Havana*	Mar 5
Naruto	Dairen*	Feb 28
Nerissa	Trinidad*	Mar 5
Nevadan	Port Townsend*	Feb 24
New Brunswick	Accra*	Feb 27
Norden	London*	Feb 24
Nordhavet	Genoa*	Mar 4
Nova Scotia	Trinidad*	Feb 28
Oriente	Havana	Mar 3
Orizaba	Vera Cruz*	Mar 1
Otho	Freetown*	Feb 29
Pan America	Buenos Aires*	Feb 27
Panaman	Portland*	Mar 3
Pastores	Cristobal*	Mar 2
Penniand	Antwerp*	Mar 3
Pennsylvania	San Francisco*	Mar 2
Peter Kerr	Grays Harbor*	Feb 29
Pipestone County	Bordeaux	Mar 4
Platano	Armuelles*	Feb 27
Polarland	Monte Christy	Mar 2
President Cleveland	Manila*	Feb 28
President Wilson	Manila*	Feb 23
Robin Hood	Port Natal*	Mar 1
Sagaporack	Gothenburg*	Mar 2
San Jacinto	San Juan	Feb 23
San Juan	San Juan	Mar 3
San Lucas	Seattle*	Mar 4
San Simeon	Seattle*	Feb 25
Santa Elena	San Francisco*	Feb 25
Santa Maria	San Antonio*	Feb 25
Seatrain Havana	New Orleans*	Mar 3
Seatrain New York	New Orleans*	Feb 25
Silverteak	Batavia*	Mar 6
Steel Engineer	Calcutta*	Mar 4
Stela	Valparaiso*	Feb 27
Susan V Luckenbach	Port Townsend*	Feb 26
Tai Ping Yang	Yokohama*	Mar 1
Tampa	Calcutta*	Feb 27
Thode Fagelund	Santos*	Feb 28
Tolua	Santa Marta*	Feb 26
Turrialba	Armuelles*	Mar 5
Ulua	Santa Marta*	Mar 4
Van Rensselaer	Curacao*	Mar 2
Veragua	Port Limon*	Mar 1
Veendam	Rotterdam*	Mar 2
Wales	Kobe*	Feb 28
Walter A Luckenbach	Seattle*	Mar 4
Washington	Hamburg*	Mar 5
Western Prince	Buenos Aires*	Mar 4
Yomachichi	Adelaide*	Mar 5
Yucatan	Vera Cruz*	Feb 24

* And other ports

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended February 26

Anise seed, 25 bags; excess ash.
Calendula, 28 bales; not National formulary.
Cardamom seed, 45 cases; filthy.
Cassia oil, 5 drums; not U.S.P.
Cod oil, technical, 425 barrels; restricted use.
Codliver oil, 573 drums; non-destearinated and not so labeled.
Fennel seed, 9 bags; filthy.
Ipecac root, 6 bags; not U.S.P.
Mace, 63 cases; insect-infestation.
Medicinal Preparation, 1 case; false therapeutic claims.
Nutmegs, 7 bags; moldy.
Radium preparation, 1 case; dangerous to health.
Wool grease, technical, 63 drums; restricted use.

Baltimore

Week Ended February 26

Medicinal preparation, 1 case; false therapeutic claims.

Buffalo

Week Ended February 26

Medicinal preparation, 4 cases; false therapeutic claims.

San Francisco

Week Ended February 20

Cassia oil, 25 drums; restricted use.
Sesame seed, 26,228 bags; filthy.

Seattle

Week Ended February 20

Celery seed, 10 bags; filthy.

CRESYLIC ACID 97-99% Pale
AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVE. Telephones: Ashland 4-2265 and 4-2266 NEW YORK

WATER GAS TAR DISTILLATES
SHINGLE STAIN OILS
(Your Specification)
CRUDE HIGH BOILING OIL
REFINED HIGH BOILING OIL
NEUTRAL TAR OILS
COAL TAR OILS
TAR ACID OILS CREOSOTE OILS
ANTHRACENE OILS
COAL TAR DISINFECTANT
Coopers Creek Chemical Co.
Established 1915
Plant and General Office - WEST CONSHOHOCKEN, PA.
Phone Conshohocken 375

Dyestuffs and Textile And Leather Chemicals

General Demand Lacks Improvement — Mangrove Bark Higher — Divi-Divi Scarce — Corn Derivatives Firm — Zinc Dust Up—High Replacement Costs for Egg Products

The market for dyestuffs and tanstuffs continued quiet during the week just ended. Uncertainty regarding the trend of business in the final month of the first quarter caused manufacturing consumers to adhere strictly to the policy of purchasing for immediate production wants only. Changes in the market consisted of a slight advance in zinc dust and powdered valonia.

Tanning materials moved through a decidely slow week, with the reports indicating that retail sales of shoes have been lagging, with the adverse weather conditions a factor to some extent responsible for the dull retail demand. On the other hand, manufacturers were inclined to purchase raw materials in a cautious manner, due to the uncertainty regarding the outlook as a result of the confused political situation. Valonia beards and cups noted a strong tone, and the strength in the price tone for this product was due directly to the small crop. Divi-divi was also in limited supply. Mangrove bark was higher by reason of the small volume of material on hand relatively at the primary source. This condition could be traced to the low level of prices over recent months, causing the gatherers in some instances to neglect the crop.

Egg products noted a firmer tone by reason of the development last week which indicated that the crop in China would be from four to six weeks late, meaning that the April-May shipments will not reach this port much before July. The higher replacement costs abroad tended to give the market a stronger appearance, but some speculation was still apparent in the dealings between importers. Corn derivatives noted a steady to firm tone, and the firmness could be attributed to the presence of a similar tone in the basic material.

Demand for the bichromates was spotty at times during the week, for manufacturing consumers were in the majority of instances covering for imperative needs, but the outstanding feature was the firm character of the price tone. Demand for the sulphonated oils was irregular, with competition still in evidence, and reports showed that the basic tallow product was tending toward lower levels. Antimony salt was quiet, and there was little to report in alumina chloride. The call for the red and yellow potash prussiate was strictly routine. Higher prices for zinc dust resulted from the lifting of the base metal price. Dyestuffs were without feature, with annatto and cochineal moving through a dull week, and prices for fustic and logwood were steady to firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Mangrove bark, $1 per ton.
Valonia, powdered, 2c. per lb.
Zinc dust, .005c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.1	152.1	152.2	151.0

Market news that may have developed after this report was sent to press will be found on page 2.

Chemicals

Alumina Chloride.—A fairly active demand was noted in this market during the period under review, with the shipments moving out in moderate volume, and prices were regarded as firm.

Antimony Salt.—This market revealed little change during the course of the week under review, with the call showing a tendency to drag, but the price tone remained steady to firm.

Potash Bichromate.—Another quiet week was experienced in this market, with the shipments reflecting the general inclination of consumers to purchase for immediate production wants only. However, the prize tone continued firm.

Potash Prussiate.—The call for the red article was restricted to small quantities throughout the week, for consumers were not inclined to purchase beyond actual wants, but prices ruled unchanged. The buying of the article was considered fair, and prices were unaltered.

Sulphonated Oils.—This market continued to experience an irregular demand, with the irregularity to a large extent attributed to the inclination of consumers in all quarters to hold purchases to immediate wants, but the price tone appeared steadier in some instances. However, the sulphonated tallow product was barely steady, inasmuch the basic product tended toward lesser levels.

Soda Bichromate.—A firm tone was a prominent factor in this direction, although demand was spotty at times during the period under review.

Zinc Dust.—An advance of 5 points was noted in this market as a result of a similar advance in the basic metal price. Demand was termed fair.

Dyestuffs

Annatto.—Buying of the paste and seed articles continued along routine lines, in that consumers were purchasing small quantities, but the prices were firm at the levels in force previously.

Archil.—Conditions here relatively unchanged from recent weeks, with the call confined to small quantities, but the price tone remained firm, and the firmness could be traced to the limited amount on hand. Prices ruled unchanged.

Cochineal.—There was nothing new in the market for the Teneriffe silver and grey items, with the demand made up of small quantities, but the market retained a steady to firm price appearance.

Fustic.—With the usual consumers showing little disposition to discard the hand-to-mouth plan, the market for the various sorts of this material continued firm throughout the week, with sellers naming the quotation in order previously.

Indigo.—The call for the natural article continued quiet during the week under review, with the demand consisting of a few jobbing quantities, but the prices ruled firm. The market for the synthetic product was termed fair from a demand standpoint, and sellers were asking the quotations in order previously.

Logwood.—The market was much the same as the preceding period, with the buying highly irregular, and prices ruled at the levels in force previously.

Madder, Dutch.—Although betterment in demand was lacking, sellers reported the market retained a firm tone, for the surplus stocks were small, favoring the presence of a firm tone.

Sizing Materials

Albumen.—The market for the edible egg material noted a decidedly firm tone throughout the week, and the firmness in the market could be attributed to the higher replacement costs abroad. The market for the blood material showed little change, with demand irregular and prices were firm.

Dextrin.—The market for the various corn derivatives continued to experience a firm tone, with the demand showing a tendency to move along at a highly irregular pace, due to the effort of consumers to cover for immediate production wants only, but prices were well maintained.

Egg Yolk.—The higher replacement costs tended to give the market a firm appearance, with word from China to the effect that the season would be four to six weeks late, meaning that the April and May futures would not arrive at this port until July.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday March whole mixed futures closed at 16.25@17.85c.; April 16.00@18.00c.; May 18.10c. asked; June 18.15c. asked; July 18.15c. asked; August 18.15c. asked; September 18.25c. asked. Spot nominal.

Starch.—The market for the various corn derivatives revealed little change during the course of the week under review, with the prices displaying a firm tone, and a portion of the firmness could be traced to the betterment noted in the price tone for the basic product late in the week.

Tanning Materials

Divi-Divi.—Scarity in this product caused a decidedly strong tone, with sellers reporting a nominal quotation of $34 per ton.

Gambier.—The market for the common material continued quiet during the week, and the call for the Singapore cubes and plantation items revealed little change, with the shipments moving forward at an irregular pace, but prices were about the same as the preceding period.

Mangrove Bark.—The market was slightly higher at $27 per ton, and the higher price could be attributed to the reduced stocks abroad, for gatherers have shown a disposition to await better prices before building up stocks.

Myrobalans.—This market experienced a rather quiet week, with the dull character of the demand due largely to the inclination of consumers to purchase for imperative needs only, and prices ruled at the levels in force previously.

Quebracho.—Shipments were moving forward to usual consumers at an irregular pace during the week just closed, with the consumers covering when such was necessary, but prices ruled firm.

Sumac.—The market for the ground material moved through a quiet week and prices ruled at $55 per ton and the leaf material was listed at $61 per ton.

Valonia.—The powdered material was offered at 7c. per pound, and the strength in this material could be attributed to the small crop of beards and cups, with the crop having been only 50 percent normal.

Wattle Bark.—Sellers were asking $29.50 per ton, with the call restricted to small quantities.

Pioneer Asphalt Expands

The Pioneer Asphalt Company, Chicago, owned and operated by Wishnick-Tumpeer, Inc., has announced the expansion of its plant at Lawrenceville, Illinois. New construction to provide for increased tonnage requirements and considerable rehabilitation of present buildings and equipment were undertaken during the last few months to prepare for the anticipated increase in demand for asphalt products during the late Spring and summer months.

Mineral Producers Under War Act to Get Interest

WASHINGTON, Feb. 27, 1936.

A bill to settle final claims under the war minerals relief act has been approved by the house committee on mines and is now on the house calendar. The bill (S.1432) has already passed the senate. The bill would permit payment of interest on borrowed money from March 2, 1919, to date on ninety-one claims still pending.

Under the war minerals act citizens were induced to open mines for the production of minerals essential to prosecution of the war under the promise of government reimbursement for losses. March 2, 1919, Congress passed a relief act permitting reimbursement for "net losses," but the Secretary of the Interior in administering this act held that such losses did not include interest on borrowed money. The supreme court held that interest should be included, but only up to March 2, 1919. The new bill would provide for final settlement of all pending claims including interest to date.

Glycerin Output in 1935

Production of glycerin in the United States in 1935 was somewhat less than that in 1934 but exceeded that in any previous year. Comparative figures for the years 1919 to 1935, in accordance with data collected by the United States Bureau of the Census, are given below:—

	Pounds		
	Crude, 80 per-cent basis	Dynamite grade	Chemically pure
1919.....	61,792,958	25,633,594	36,092,530
1920.....	54,688,295	31,571,047	32,859,844
1921	63,946,751	26,944,290	30,322,980
1922.....	85,337,034	33,907,226	39,912,929
1923.....	99,578,781	52,368,999	47,992,025
1924.....	95,153,809	27,368,230	53,242,737
1925.....	103,406,943	52,658,326	55,447,832
1926.....	116,369,207	49,579,408	64,459,610
1927.....	128,208,642	49,295,633	59,126,182
1928.....	130,498,492	46,621,767	66,419,217
1929.....	140,079,568	58,981,430	66,790,647
1930.....	138,675,191	50,974,056	60,654,223
1931.....	140,001,604	43,386,048	70,527,961
1932.....	133,918,825	41,538,676	63,623,973
1933.....	119,811,648	45,334,280	58,583,438
1934.....	153,115,463	48,553,475	80,358,660
1935.....	140,083,569	48,685,282	74,704,505

Barsky & Wilson, Inc., consulting chemist and chemical engineer, this city, reports that the firm name has been changed to Barsky & Strauss, Inc., with the following officers:—President, George Barsky; vice-president, Frank A. Strauss, formerly chief chemist of the Standard Varnish Works, and secretary, Dorothea Haas.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 4

FREDERICK P. KAPPER & CO. 367-373 FULTON ST. BROOKLYN, N.Y
DRY COLORS INTERMEDIATES ◆ DYESTUFFS ◆ CHEMICALS FLUSHED COLORS
"EVERYTHING IN AN ANILINE COLOR FOR ANY TRADE"
See GREEN BOOK Who's Who For Alphabetical Listings INQUIRE! We Mail Samples and Prices On Date Request Is Received

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts

ACETAMIDE

Odorless Grade		Technical Grade
79-81° C.	Melting Point	77-79° C.
215-221° C.	Boiling range	210-220° C.
Trace	Free acid	Maximum 0.3%
Trace	Moisture	Less than 1%

Already of Proven Value in
Soldering pastes and fluxes
Plasticizer for cellulose acetate
Solvent for most compounds
Solubilizing dyestuffs
Antiacid for lacquers
Raw Material for organic synthesis
Write for our Acetamide pamphlet

NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N.Y.

Mutual Bichromates
BICHROMATE OF POTASH ★ CHROMIC ACID ★ OXALIC ACID ★ BICHROMATE OF SODA
MUTUAL CHEMICAL CO. OF AMERICA 270 Madison Ave. N.Y.C.
Plants at Baltimore and Jersey City Mines in New Caledonia

An Invitation

FROM THE MAKERS OF

LUMINALL

—Nationally famous (paste) casein paint

Marketers of paints who desire to add a high grade casein paint under private label to their lines are invited to get in touch with us.

National Chemical and Manufacturing Company, was a pioneer developer in this type of paint. Its own brand — Luminall — is a leading seller and is enthusiastically endorsed by public and paint trade alike.

General Characteristics: Odorless. Dries in 40 minutes. One coat covers. Non-yellowing. High coverage per gallon. White reflects 90% light. Applied over plaster; wallboard; wood; painted surfaces; wet or dry masonry. Thins with water.

Good casein paste paint using lithopone as a pigment is a strong seller in both industrial and residential markets. Our production facilities are available.

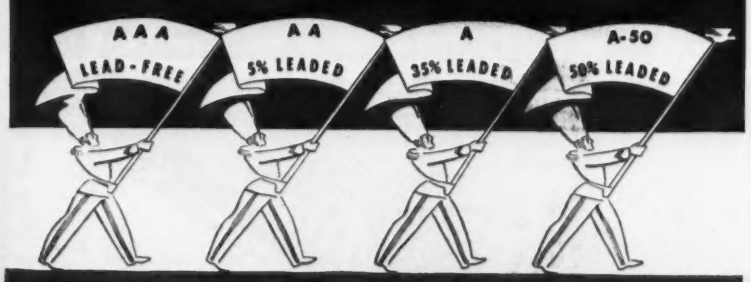
In addition, inquiries are also invited regarding manufacture of liquid and paste paint and varnish removers for your private label.

National Chemical & Manufacturing Co.

3617 South Wall Street, CHICAGO

EAGLE ZINC OXIDE

(AMERICAN PROCESS)



Eagle Zinc Oxide is designed especially for outside paints. Gives maximum durability.

THE EAGLE-PICHER LEAD COMPANY CINCINNATI, OHIO

White Lead, Carbonate — Red Lead — Sublimed Blue Lead — Sublimed White Lead — Super Sublimed White Lead — Litharge — Sublimed Litharge — Orange Mineral — Zinc Oxide — Lithopone

Paint, Varnish, Lacquer Materials

Lead Rises for First Move Since October — Carlot Prices for Red Lead and Litharge Up — Trade Continues Light — Naval Stores Irregular — Zinc Higher

Although temperatures moderated for a few days, trade in materials for surface coatings did not improve. Crippled transportation facilites have handicapped the movement of industrial finishes in the mid-West and it is too early in the season to expect much of a movement in shelf goods so that the raw material markets are almost at a standstill. The important products included in this group, however, have escaped the price weakness that the lack of demand has caused in the linseed oil market. Last week's price developments in the dry ingredients were on the stronger side of the market, featuring an advance in the car lot prices for dry red lead and litharge. These lead oxides moved up on two advances in pig lead, which took place on Wednesday and Thursday. Wednesday's move was the first change in lead prices since last October 11. Lead oxides in less than car lot amounts were not changed by the movements in the metal and the price of white lead was not more than statistically affected by the change. Zinc was also advanced last week.

The color market lost considerable volume during the month just ended and the final week of February did not show any sign of recovery. Here, too, weather conditions were blamed for the slack in the market and a similar situation was reported by the importers of natural resins.

The tire trade has moderated its purchasing activity as a result of continued labor troubles. Carbon black purchasing schedules have been limited.

Drier materials are also moving in a small way. The stearates hold at the prices that have been in force for some time and are not likely to undergo revision until new contracts are made. Aluminum oleate is higher, albeit the advance was not a development of the past week. Casein prices held at the reduced levels of a week ago.

Rosin and turpentine prices showed irregularity but changes were generally within rather narrow limits and the undertone of Southern and local markets appeared to be firm. Purchases by domestic interests continued along conservative lines. There was a fair export inquiry for rosin but actual business was apparently on a smaller scale than in recent preceding weeks, while the foreign call for turpentine continued very disappointing. Weather conditions in the South were more favorable for operations in the woods but receipts at primary points were small or moderate.

A decided pick-up in residential building featured construction activity during 1935, Secretary of Labor Perkins announced Saturday. "Compared with 1934, the value of residential buildings for which permits were issued in the 811 cities which report to the Bureau of Labor Statistics increased 170 percent," she said. There were also pronounced increases in the value of new nonresidential buildings and of additions, alterations, and repairs. A comparison of estimated costs of building operations in 1935 against 1934 follows:—

	1935.	1934.
All construction....	$836,504,117	$491,054,809
New residential.....	291,227,231	107,146,264
New nonresidential.	316,730,227	215,402,856
Additions, alterations and repairs.	228,546,659	168,506,689

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, red, car lots, 0.1c. per lb.
Litharge, car lots, 0.1c. per lb.
Turpentine, gum, ½c. per gal.

Reduced

None.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.0	130.0	130.0	134.6

Market news that may have developed after this report was sent to press will be found on page 2.

Metallic Lead and Zinc

Pig lead prices awoke from a long period of inactivity and moved up 5 points each on Wednesday and Thursday of last week. The Wednesday move was the first change in the market since October 11 last year. The 10-point advance placed prices at 4.45c. per pound at East St. Louis and 4.60c. to 4.65c. per pound at New York, according to seller. The advances follow a several weeks period of lively buying which continued through last week. Lead stocks in United States on January 31 totaled 224,013 tons against 222,306 tons on December 31 and 229,675 tons on January 31, 1935, according to the American Bureau of Metal Statistics. Production in January was 36,296 tons against 42,020 in December and 29,314 tons in January 1935 while shipments in January were 34,590 tons against 42,333 tons in December and 33,659 tons a year previous.

Slab zinc prices also advanced last week. The zinc rise took place on Tuesday and amounted to 5 points over the price than had been ruling in the market for several months. The price is now 4.90c. per pound, East St. Louis. Steady demands preceded the rise. The world output of zinc in January totaled 132,957 tons against 131,112 tons in December and 120,771 tons in January 1935, according to the Americans Bureau of Metal Statistics. United States output in January was 41,826 tons against 40,463 tons in December.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 22 to February 28, inclusive, are as follows:—

	Pigs — Per pound — New York.	Pigs — Per pound — E. St. Louis.	Spot, London. Per ton £	s.	d.
*Saturday..	.....	.....	..	..	..
Monday	$0.0450@.0455	$0.0435	16	8	9
Tuesday	.0450@.0455	.0435	16	7	6
Wednesday..	.0455@.0460	.0440	16	5	0
Thursday...	.0460@.0465	.0445	16	11	3
Friday	.0460@.0465	.0445	16	8	9

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 22 to February 28, inclusive, are as follows:—

	Slabs — Per pound — New York.	Slabs — Per pound — E. St. Louis.	Spot, London. Per ton £	s.	d.
*Saturday	.....	.....	..	..	..
Monday	$0.0522	$0.0485	15	18	9
Tuesday	.0527	.0490	15	13	9
Wednesday ...	.0527	.0490	15	15	0
Thursday	.0527	.0490	15	18	9
Friday	.0527	.0490	16	3	9

* Holiday.

Pigments

Pig lead prices came to life after an extended period of immobility. The metal advanced on Wednesday and continued upward on Thursday, marking the first movements in the price since last October. Zinc was also higher. The car lot prices for red lead moved up automatically with each of the five-point advances made in the metal but the so-called card or small quantity prices did not change. Dry red lead and litharge in car lot quantities provided the only changes in the pigment group. Business continued along very quiet lines.

White Lead.—The price situation was not more than statistically affected by the advance in the metal market. Quotations for basic carbonate and basic sulphate of lead continued at the long-standing prices. Manufacturers' takings of these pigments continued small.

Red Lead.—Car lot prices advanced 5 points on Wednesday and another 5 points on Thursday as the metal market moved for the first time since October. Card prices for 5-ton and smaller quantities were unchanged. Now prices for car lots delivered in Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Idaho, Louisiana, Mississippi, Montana, New Mexico, Nevada, Oklahoma, Texas, Utah, Wyoming and east of the Cascade Mountains in Oregon and Washington are as follows:—95 precent or less Pb_3O_4, 7.35c. per pound; 97 percent guaranteed, 7.60c. per pound, and 98 percent guaranteed, 8.10c. per pound. Car lot prices delivered other points are as follows:—98 percent or less, 7.10c. per pound; 97 percent guaranteed, 7.35c. per pound, and 98 percent guaranteed, 7.60c. per pound.

Litharge.—The rise in pig lead prices on Wednesday and Thursday of last

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

week placed the car lot prices for this derivative at an advance of 10 points. The week's movements were the first since last October. Car lot quotations are 6.10c. per pound delivered except in Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Idaho, Louisiana, Mississippi, Montana, New Mexico, Nevada, Oklahoma, Texas, Utah, Wyoming, and east of Cascade Mountains in Oregon and Washington, where delivered prices are 1c. per pound additional.

Lithopone.—The market lacked snap last week. Weather conditions have improved but a longer stretch of temperate weather is needed to give the market more life. Prices for all grades continue unchanged.

Titanium Pigments. — The demands of the market continue in good fashion. As reported previously, February sales have been comparably with those of the preceding month. Prices continue steady and unchanged.

Zinc Oxide.—The market continues slow as a result of poor weather which has held the needs of the paint manufacturing trade within limits and labor troubles in the rubber tire manufacturing industry which have handicapped sales to that consuming quarter. Prices held unchanged throughout the week.

Zinc Sulphide.—Prices continue at the levels that have been long standing. New interests have come into the market recently offering in a limited way.

Fillers and Extenders

Mineral whites, fillers and externder materials continued in the groove occupied for the past several weeks. Prices spent the week without a quotable change. Trade is not visably improved over its limits of a month ago and the sellers are waiting for weather conditions to improve and give the market a little more life.

Barytes. — The market continues quiet and in company with other materials it needs better weather conditions for activity. Prices hold at the levels that have been standing for some time and the market is quite steady at the establisihed basis.

Graphite. — Continuing along the course of recent weeks, the market fails to evidence much for comment. Trade is quite routine and the prices are unchanged from the levels that have been in force for some time back.

Tripoli. — Suppliers of this article failed to report any new or important developments. Trade continues routine at the prices that have stood for many months.

Dry Colors

The color market is very slow these days. None of the sellers interviewed last week could report anything better than a slow and sluggish market. Recent weather conditions are blamed for the lack of business activity. Paint and rubber products manufacturers' takings are very small and other lines of outlet are not overly active. Prices are generally unchanged and the only price interest reported during the week was in quicksilver vermilion which was selling under competition at lower prices.

Alkali Blue Toner.—The market continues unchanged in price. Takings by the consuming trades are light and are reported to have fallen off somewhat this month.

Bone Black. — There has been no change in the position of this market as yet. Trade is reported as being moderately active.

Carbon Black.—The rubber tire manufacturers' needs have fallen off rather heavily. Labor trouble continues at one of the leading tire plants and other manufacturers have cut down their production schedules. Quotations for standard grade blacks and also the specialty blacks for the paint trade continue steady and unchanged.

Iron Blues.—Firmness continues to feature the price side of the market while the demands are still described as being light and scattered.

Ochers. — Prices continue without shift and there is little trading in the article these days. February business has fallen off measurably from that of recent months.

Vermilion.—Competitive selling continues and 500-pound lots are available in some directions at $1.55 per pound; others quote $1.59 per pound as the market for this quantity. As the number of buyers of such quantities is few the competition is closely confined.

Varnish Gums

The market for natural resins continued in a very quiet state last week. Inquiries for replacement needs were few and far between and the demands against standing contracts were limited to small-sized lots and had little frequency. The prices hold for another week without change.

Copals.—The market for East India, Pontianak, Congo and others in this group passed through another week without price shift. There is little trade being done at this time and importers blame the current quiet upon weather conditions.

Dammars. — Perhaps the moderated weather during the past few days will result in a broader movement of gum into consumers' hands but the past few weeks have been marked by extreme quiet. The prices for Batavia and Singapore gums have been without shift for the past few weeks.

Naval Stores

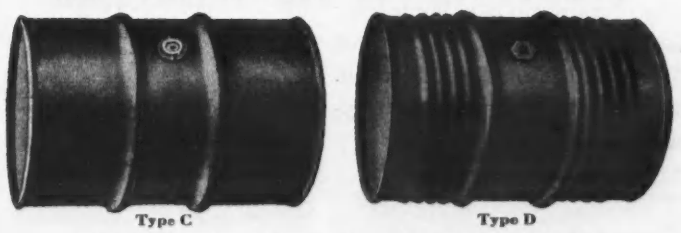
Quieter conditions prevailed in primary centers last week and in the absence of anything stimulating in the way of market news from the South business here was on a small scale with the local situation lacking features of interest. There were reports of a fair export inquiry in primary markets for rosin from South American and the Far Eastern buyers but the volume of business closed was unimportant and smaller than in recent preceding periods. Export trade in turpentine was still reported as practically at a standstill, foreign producers apparently being in a position to meet the requirements of consumers abroad at more attractive prices than those prevailing on this side of the water. Domestic business in turpentine in primary markets was generally quiet and few were disposed to look for any material change in the attitude of consumers in view of the prevailing uncertainty concerning the disposal of government holdings although some expansion in consumption is anticipated with the advent of better weather for construction and painting.

Purchasing of rosin by soapers and paper manufacturers was of a conservative character and demand from other consuming industries was generally limited to unimportant quantities to fill curernt needs. Nothing of a definite character was heard concerning transactions in futures although there have been rumors current recently of some business of this nature having been closed. Receipts of turpentine in primary centers continued small while marketing of rosin, though not heavy, was somewhat larger than expected. Weather conditions were more favorable for operations in the woods, temperatures being much higher as a rule with precipitation generally light.

Turpentine.—Local trade was quiet last week, purchasing here being limited to comparatively small quantities to fill current needs with the movement of such lots into consuming channels apparently somemhat lighter than in the previous week. Prices were irregular in company with the course of quotations in the South where changes from day to day were unimportant. Sales to domestic interests in the South as officially reported were small and there was no improvement noted in the foreign inquiry. Weather conditions were more favorable for operations in the woods but the movement

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

NEW STEEL DRUMS
GALVANIZED AND NON-GALVANIZED



Type C Type D

Longitudinal welded and ends double folded.

For particulars apply to

ATLANTIC, WHITE SEA & BALTIC CO., Inc.
80 John Street, New York, N. Y.

IMPERIAL COLOR WORKS
INCORPORATED
GLENS FALLS - - - - NEW YORK

IMPERIAL COLORS

offer you quality built up by painstaking research, and uniformity maintained by unequaled facilities. Go Imperial and go ahead!

THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

Branch Offices and Warehouse Stocks:

Boston, New York City, Philadelphia, Baltimore, Pittsburgh, Cleveland, Detroit, Chicago, Cincinnati, Louisville, Dallas, St. Louis, Los Angeles, San Francisco, Toronto

Royal Spectra
Most intense in color
Super Spectra
The standard high color black of the industry
Supertex
The next in line
8 Custom Made CARBON Blacks
Lakoblak
For use where a somewhat lower standard must be used for economy
No. 999
A moderately high color black suitable for industrial finishes
No. 242
The lowest cost special black
Superba
The medium high color, easy grinding black designed especially for synthetics
Excelsior
The standard inexpensive all-purpose black

A Dependable Black for Every Purpose

Inquiries regarding Technical Problems invited

BINNEY & SMITH CO. • COLUMBIAN CARBON CO.
41 East 42nd St., New York, N. Y.

from the interior to the seaboard continued light.

SAVANNAH, Feb. 28.—The turpentine market was quiet with the tone steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	44¾	18	75	201	42,425
Tuesday	44½	3	17	159	42,283
Wednesday	44½	...	8	410	41,881
Thursday	45	15	35	359	41,557
Friday	45	7	119	200	41,476

* Holiday.

JACKSONVILLE, Feb. 27.—Turpentine receipts continued light. The market was quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Friday	44½	33	43	104	50,532
*Saturday	..	...	...	...	.....
Monday	44½	2	55	458	50,131
Tuesday	44¼	...	11	15	50,127
Wednesday	44½	5	42	...	50,169
Thursday	..	...	...	...	.....

* Holiday.

PENSACOLA, Feb. 22.—The movement of turpentine continued small. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Tuesday	5	...	33,639
Wednesday	3	...	33,642
Thursday	...	...	33,642
Friday	...	...	33,642
Saturday	5	...	33,647

CHICAGO, Feb. 28.—The turpentine market reveals litle or no change. Wholesale and retail trade both are reported to be running along moderately good lines, without indicating much of a change in the price outlook in either direction, according to statements of representative sellers and buyers. Consumption is reckoned by trade authorities to be substantial this year. Ruling prices at the close of business last night were:—Five-drum lots, 53c. per gallon; five wood barrels, 58c.; single drums, 56c.; single barrels, 61c.

LONDON, Feb. 28.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	44	6
Monday	44	0
Tuesday	44	0
Wednesday	44	0
Thursday	44	0
Friday	44	0

Stocks of American turpentine in London were:—

	Feb. 28.	Previous week.	Last year.
Barrels	12,044	11,212	8,005

Rosin.—Quotations showed more or less irregularity last week but the tone here was generally steady or firm as variations in prices on most grades in primary markets were rather narrow. A fair inquiry was noted here but actual purchases were apparently limited to comparatively small quantities, many cosumers and dealers still being disinclined to provide for future needs. A fair export inquiry was reported in Southern markets but takings were said to have been smaller than in recent preceding weeks. The outward movement from the South to foreign countries on contracts previously placed was also lighter. Receipts were moderate, however, and the statistical position did not show material change.

SAVANNAH, Feb. 28.—The rosin market had a steady tone. Price movements were within narrow limits. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.50	$3.30	$3.30	$3.25	$3.25
D	...	4.00	3.95	3.95	4.00	4.00
E	...	4.10	4.10	4.10	4.10	4.10
F	...	4.40	4.35	4.35	4.35	4.35
G	...	4.55	4.52½	4.42½	4.50	4.50
H	...	4.60	4.57½	4.57½	4.55	4.55
I	...	4.60	4.57½	4.57½	4.55	4.55
K	...	4.65	4.65	4.65	4.60	4.60
M	...	4.70	4.70	4.70	4.62½	4.62½
N	...	4.75	4.80	4.80	4.75	4.75
WG	...	5.00	5.00	5.00	5.00	5.00
WW	...	5.60	5.60	5.60	5.60	5.60
X	...	5.60	5.60	5.60	5.60	5.60
Sales	...	90	352	...	191	...
Receipts	...	473	1,714	135	160	167
Shipments	...	5,142	380	4,355	1,160	70
Stocks	...	75,026	76,360	72,140	71,140	70,637

* Holiday.

JACKSONVILLE, Feb. 27.—Rosin was irregular, changes in quotations on most grades being narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted Fri.	*Sat.	Mon.	Tues.	Wed.	Thur.
B	$3.25	...	$3.50	$3.40	$3.40	$3.40
D	3.95	...	4.00	4.00	4.00	4.00
E	4.00	...	4.10	4.10	4.10	4.10
F	4.30	...	4.40	4.35	4.35	4.35
G	4.45	...	4.55	4.50	4.50	4.50
H	4.50	...	4.60	4.55	4.55	4.55
I	4.50	...	4.60	4.55	4.55	4.55
K	4.55	...	4.65	4.60	4.60	4.60
M	4.60	...	4.70	4.60	4.60	4.60
N	4.70	...	4.80	4.75	4.75	4.75
WG	5.00	...	5.00	4.95	4.95	4.95
WW	5.55	...	5.55	5.40	5.40	5.40
X	5.55	...	5.55	5.40	5.40	5.40
Sales	134	...	91	452	...	49
Receipts	611	...	980	382	364	442
Shipments	300	...	3,294	110	145	65
	103,945	.....	101,640	101,912	102,131	102,508

* Holiday.

PENSACOLA, Feb. 22.—The rosin market was quiet and steady. Receipts were small. Following is a record of the market for the week:—

	Barrels Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	40	77	16	...	18
Shipments	...	396	...	163	1,447
Stocks	55,950	55,631	55,647	55,484	54,055

CHICAGO, Feb. 28.—Rosin prices in general show a slight stiffening compared with recent quotations, on certain grades, but little recession in others. Buying has been along moderate lines. Ruling prices at the close of business last night were:—B grade, $5.80 per lot of 280 pounds; G grade, $7.02½; M grade, $7.20; W. W. grade, $8.10.

LONDON, Feb. 28. — Quotations on American rosin were as follows:—

	Per cwt. in barrels Common. s.	d.	W.W. s.	d.
Saturday	12	3	14	6
Monday	12	3	14	6
Tuesday	12	3	14	9
Wednesday	12	7½	14	9
Thursday	12	7½	14	9
Friday	12	7½	14	9

Pine Oil.—The situation lacked features of more than ordinary interest, the movement into local and outside consuming channels being sufficient to give the market a steady tone, with prices maintaned.

Pitch. — Quotations were stationary and general conditions remained about as noted in recent preceding weeks, the inquiry from local and other consumers being fairly active.

Rosin Oil. — Local quotations were maintained and the tone of the market appeared to be firm. Business continued along conservative lines with a fairly active call for moderate quantities to fill current requirements.

Tar.—New business was on a fair scale and there was a steady movement into consuming channels on contracts previously placed. The market was steady in tone with prevailing selling schedules adhered to.

Shellac

New York market prices on shellac ruled steadily throughout the past week. With the London and Calcutta markets showing some improvement, the stability of local values was in line with general conditions. So far as demand current on the spot last week, the market was very quiet. New orders were neither numerous nor large. A fair delivery against existing contracts was made, but on the whole the market left plenty room for improvement. Elsewhere in this issue of the REPORTER will appear a statistical tabulation showing the exports of shellac from Calcutta to the world in 1935, with comparative figures for 1934.

London, Feb. 28.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery, have been as follows (the quotations in United States currency represent prices here, and include other handling charges):—

	February 28 Shillings. Cwt.	Cents. lb.	February 21 Shillings. Cwt.	Cents. lb.
March	52½	11.4	50	10.9
May	53½	11.6	51	11.1

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight March.	May.
February 21	50s.	51s.
February 22	50s.	51s.
February 24	50s. 6d.	51s. 6d.
February 25	51s. 6d.	53s. 6d.
February 26	52s. 6d.	53s. 6d.
February 27	52s. 6d.	53s. 6d.
February 28	52s. 6d.	53s. 6d.

Calcutta, Feb. 28.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound Feb. 28.	Feb. 21.
March	11½c.	10¾c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
February 21	10¾c.	Quiet
*February 22	.....	.....
February 24	10¾c.	Steady
February 25	11¼c.	Steady
February 26	11¼c.	Steady
February 27	11¼c.	Steady
February 28	11½c.	Steady

* Holiday here.

Lacquer Materials

The market for the lacquer materials moved through a quiet week, with

Now a creamy and buttery body is EASIER to produce . . . with the new "400 series" Zinc Pigments

Send for the Booklet

Announcing 400 SERIES zinc SULPHIDE PIGMENTS for THIXOTROPIC PAINTS

ALBALITH-404

A pigment of the high dispersion type conforming to the usual Albalith Lithopone standards plus improved color and brightness and yielding thixotropic body and structure in paint. Suitable for flats, undercoats, semi-glosses, glosses and outside house paints.

CRYPTONE BA-435

A Zinc Sulphide pigment (barium) containing approximately 50% ZnS, with hiding power and tinting strength equal to Cryptone BA-19, but with improved color and brightness plus the qualities of yielding thixotropic body and structure in paint. Hiding power is approximately 50% greater than Albalith Lithopone. Uses are the same as Albalith-404 with modifications possible because of its greater strength.

CRYPTONE BT-445

A high hiding pigment of the titanated lithopone type (85% Albalith Lithopone, 15% TiO_2). It has improved color and brightness plus thixotropic body and structure characteristics in paint. Hiding power approximately 50% greater than Albalith Lithopone. Uses are the same as Albalith-404 with modifications possible because of its greater strength.

New Jersey zinc — The New Jersey Zinc Company — 160 FRONT STREET NEW YORK

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS

CUTS PAPER SHIPPING STENCILS

A. J. Bradley Mfg. Co.
101 Beekman Street New York

"SUCO"

Ultramarine Blues

Alkali Blue Toners

Methyl Violet Toners

Blanc Fixe

•

STANDARD ULTRAMARINE COMPANY

HUNTINGTON, W. VA.

No. 8 MIXER

The best built mixer in the market. Made in two sizes.

Write for Quotation

ARTHUR COLTON CO.
2624 E. Jefferson Avenue
DETROIT :: MICHIGAN

Shawnee DRY COLORS

Color Content Guaranteed

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Offices and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

the month-end causing consumers to purchase on a closer hand-to-mouth basis. At the same time reports had it that the February automobile production would fall short by approximately 100,000 units the January output of 270,000 units, but belief was that some improvement would take place in the March production schedules. Such a belief hinged directly on the weather conditions, for the sale of new cars has been slow over the past month as a result of the adverse weather conditions. Silk and rayon mills were operating at a fair rate. Ethyl acetate demand was highly irregular at times during the period under review. Tricresyl phosphate demand was considered representative, with a decidedly firm tone in evidence as a result of the firmness in the basic product.

Acetone. — Demand here continued fairly good throughout the week, with prices displaying a firmer price tone.

Butyl Acetate.—This market was quiet here during the week just closed, with consumers ordering out for immediate production wants.

Butyl Alcohol.—The call for this item indicated that consumers were giving consideration to the month-end, with purchases moving at an irregular pace, but the volume moved was encouraging.

Dibutyl Phthalate.—There was nothing of importance uncovered in this direction during the week, with the sellers reporting prices at the levels in effect previously.

Ethyl Acetate. — Shipments were moving forward at a favorable pace at times during the week, with the demand slowing down toward the close of the week because of the month-end.

Film Scrap.—Prices ruled strong, with demand holding a good pace with regards to domestc as well as export business.

Tricresyl Phosphate. — A fair demand was shown here, and prices continued to display a firm tone.

Driers

Drier products continued in light demand last week. February consumption was reported as having undergone some moderation from the January takings, perhaps because of the unusually cold temperatures and heavy snows in the latter month. The stearate market holds unchanged and will likely remain at its present position until contracts are drawn up for the second quarter. Alumnum oleate is now selling higher at 16¾c. per pound on contract and 17½c. to 18½c. on open order.

Glues and Binders

Casein. — Compared with the quiet market a week ago, there was a fairly good-sized movement of material out of sclers's hands last week. Whether it was the improved condition of the weather or the availability of lower prices could not be determined. Last week's price structure was steady and unchanged from the levels established late in the preceding week.

Glues.—The market continues to show a strong tendency albeit the quotations previously in force are still quoted. The demands for bone and hide glue continue ligh:

Mica Sales in 1934

Total sales of ground mica in the United State in 1934, were 5,905,218 pounds, valued at $254,248, compared with 8,150,090 pounds, valued at $286,-572, for the year 1933, according to a report of the United States Bureau of Mines. These figures include mica used for moulded electric insulation, paint manufacture, surfacing on asphalt shingles, Christmas-tree snow, manufacture of axle greases and oil. annealing, concrete and foundry facing, pipeline enamel, plastic specialties, and other purposes. Sales of mica suitable for roofing material without grinding, and excluding ground mica schists used for roofing purposes, totaled 13,188,750 pounds, valued at $149,082, in 1934, compared with $11,-510,915 pounds, valued at $112,109, in the previous year.

Paint Credit Ass'n Elects

The Paint and Allied Industries Credit Association has elected the following officers for 1936:—President, Theodore H. Kleine, of the Hilo Varnish Corporation; first vice-president, William Rohs, of the Colonial Works; second vice-president, M. B. Weinstock, of the M. J. Merkin Paint Company; treasurer, William L. Lang, of the Devoe & Raynolds Company. Directors:—James A. Kenny, of Baer Brothers; John C. Ball, of M. Ewing Fox Co.; Louis Candee, of L. Sonneborn Sons Company; H. F. Forster, of Keystone Varnish Company; George E. Goodman, of Hanlon & Goodman Company; Victor Isaacs, of Central Paint & Varnish Works; A. Linzer, of David Linzer & Sons; Chas. J. Monasch, of Atlantic Calsomine Company; Harry F. Soffer, of Paragon Paint & Varnish Corporation; Louis Wels, of Twin City Shellac Company.

CARBON LAMP BONE **BLACKS** OXIDE LAKE DROP

C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

INTERESTING PLASTICIZERS

The Phthalates of the Ether Alcohols

OHIO-APEX, INC. - - Nitro, W. Va.

STEARATES

ALUMINUM STEARATE CALCIUM STEARATE
MAGNESIUM STEARATE ZINC STEARATE

Stocks carried also at Chicago, St. Louis, San Francisco, Los Angeles, Kansas City, New Orleans, Des Moines

FRANKS CHEMICAL PRODUCTS CO.
Building No. 9, Bush Terminal BROOKLYN, N. Y.

PEERLESS CLAY *For the* PAINT INDUSTRY

R. T. VANDERBILT CO., Inc.
230 PARK AVENUE :: NEW YORK CITY

It Makes a *Difference!*

ABOVE are solutions of two types of Aluminum Stearate — same concentration, same solvent, and made up in the same way. Yet one is suitable for flatting while the other is not.

Make sure that *your* metallic soap has the right characteristics. Consult Metasap Chemical Company for your specific requirements.

METASAP CHEMICAL COMPANY

PALMITATES
STEARATES
OLEATES
of ALUMINUM, CALCIUM, LEAD, ZINC

HARRISON, N. J.
Chicago Boston St. Louis San Francisco

National Lead Earnings Up $1,000,000 Over 1934

Directors of the National Lead Company have recommended a 10 for one split up of the 309,831 shares of $100 par common stock to a $10 par basis. Stockholders will vote on the proposal at a special meeting April 16.

The company's report for 1935 shows a net profit of $5,261,390, after Federal taxes, depreciation, depletion and other charges, equal, after preferred dividend payments, to $10.78 a share on 309,831 shares of common stock outstanding. This compares with $4,200,188, or $8.37 a share, on 271,470 common shares in 1934. In addition, the company reported for last year an equity in undivided profits or losses of foreign subsidiaries and of controlled companies not wholly owned, amounting to $1.26 a share on the common stock with the final figures not yet received.

Current assets on December 31 were $39,612,390 and current liabilities, $5,048,607, compared with $40,848,282 and $4,433,099 respectively, at the end of 1934. Cash, United States Government, and other readily marketable securities, totaled $11,428,139, being $4,436,683 less than a year before. The market value of these marketable securities December 31 was $1,472,470 in excess of the book value.

Edward J. Cornish, chairman of the board of directors, and Fred M. Carter, president, said that the report was the company's best since 1929. Uniform improvement was reported in all of the company's branches in 1935 and foreign investments showed the same improvement in percentage of profit as did the company's domestic business. Mr. Carter stated that the company had every reason to look forward to an increase in building construction this year and that the company's business to date in 1936 had been satisfactory. Commenting upon the proposed stock split, Mr. Cornish stated that he had opposed the plan for many years but yielded to the wishes of his associates on the board. For the past few years, securities brokers attending the company's annual meetings have urged that the stock be split up to place it within reach of the average investor.

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York City

DE HAEN'S FIXANAL PREPARATIONS
Time Savers for Normal Solutions. Sold by All Leading Laboratory Supply Houses
PFALTZ & BAUER, Inc., Sole Importers, 300 Pearl St., New York, N. Y.

FILAC
—clean, soluble nitrate film scrap
HORN, JEFFERYS & CO.
Burbank, California

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

CHROME OXIDE and CHROMIUM GREENS
INQUIRIES INVITED
VITRO MANUFACTURING CO. :: PITTSBURGH, PA.

Bone Blacks for LACQUERS 4 HOUR ENAMELS LEATHER FINISHES
SIEMON COLORS, Inc.
174 PENNSYLVANIA AVENUE, NEWARK, N. J.

ASBESTINE
Reg. U. S. Pat. Off.
FOR PAINT MANUFACTURERS
INTERNATIONAL PULP CO., 41 Park Row, New York

GILSONITE
REG. U. S. PAT. OFF.
Prompt shipment always from conveniently located stocks of the grade best suited for your needs.
For thirty-five years the dependable source of supply for Gilsonite.
THE BARBER ASPHALT COMPANY
Philadelphia
New York Chicago St. Louis

SUNOCO Spirits
"... the original petroleum thinner"
SAFE... EFFICIENT...
UNIFORM HIGH SOLVENCY
For Literature and Service
SUN OIL COMPANY, 1608 Walnut St., Phila.

A PATENT DRUM-CLEANING MACHINE
Let the "GYRO" clean your drums. Does the work thoroughly and in the shortest possible time.
Can be used also for mixing dry or liquid materials, for coating the interior of barrels, and for polishing small articles. Built in three sizes, adjustable to all standard-sized drums. Write for particulars.
U. S. Patent No. 1554617

F. AUE CO., INC. 30-06 39 Avenue, Long Island City, N. Y.

Eagle-Picher Lead Co. Made $600,000 in 1935

The annual earnings statement of the Eagle-Picher Lead Company and its subsidiaries for 1935 will be made available to shareholders within the next two weeks. According to A. E. Bendelari, president, the operating profit for the year 1935, after charging off $640,000 for depreciation and depletion and setting aside $116,000 for Federal and State income taxes, will approximate $600,000 as compared with a consolidated net loss of $153,191 for 1934.

A sum close to $400,000 was set aside from earnings during the year to provide a larger reserve for normal inventory price fluctuations, a method of carrying stocks at fixed prices adopted as of January 1, 1935. This amount was charged against current earnings and will bring total metal reserves at the year-end to about $1,000,000.

The gross sales volume expanded last year, Mr. Bendelari estimating that it aggregated over $16,000,000 as compared with less than $12,000,000 in 1934, which increase is at the rate of 35 percent. In November the Eagle-Picher Lead Company wrote down its 900,000 shares of common stock from $20 par to $10 par thereby creating a capital surplus of $9,000,000 against which the company charged off the accumulated deficits of prior years and wrote down certain investments and non-operating properties. The company at that time established a reserve to carry its normal inventories of lead and zinc at fixed prices, a practice which helps to maintain profits earned on operations and to avoid losses due to metal price changes. Reserves for contingencies and other purposes were also provided. These adjustments left a capital surplus of approximately $1,200,000. Shareholders at the November special meeting also adopted a resolution making the 5554 six percent preferred shares cumulative and callable at 105. During the year dividends were resumed on the preferred stock for the first time since 1931.

Shellac Shipments in 1935

Exports of shellac from Calcutta to the United States, the United Kingdom, the Continent, and to all other ports, in 1935 and compared with the exports in 1934 were as follows:—

United States

	Packages 1935.	Packages 1934.
Orange shellac	50,337	49,205
Garnet lac	2,745	2,527
Button lac	1,875	990
Seedlac	48,077	51,913
Sticklac	65	....
Refuee lac	3,010	20
Total	106,109	104,655

United Kingdom

	Packages 1935.	Packages 1934.
Orange shellac	26,698	220,753
Garnet lac	7,392	6,490
Button lac	8,563	4,936
Seedlac	8,095	5,485
Sticklac	285	457
Refuse lac	1,400	215
Total	52,433	238,336

Europe

	Packages 1935.	Packages 1934.
Orange shellac	40,036	47,991
Garnet lac	1,665	1,289
Button lac	2,100	929
Seedlac	18,048	10,223
Sticklac	4,168	1,450
Refuse lac	30,697	26,750
Total	96,734	85,632

All Other Ports

	Packages 1935.	Packages 1934.
Orange shellac	63,465	40,285
Garnet lac	409	525
Button lac	1,061	666
Seedlac	....	....
Sticklac	100	....
Refuse lac	....	....
total	64,975	41,476

Recapitulation

	Packages 1935.	Packages 1934.
Orange shellac	180,536	358,234
Garnet lac	12,211	10,831
Button lac	13,599	7,321
Seedlac	74,220	67,621
Sticklac	4,618	1,907
Refuse lac	35,107	26,985
Grand total	320,311	472,999

Balto. P.V.L.A. Urged to Study Industry Problems

President C. Burch Athey, of the Baltimore Paint, Varnish and Lacquer Association, took advantage of the opportunity afforded by the February meeting of the organization to talk to the group informally about the responsibility resting upon the club membership at this time to keep thoroughly informed on all activities affecting the industry. He spoke of the loyalty shown by the members on all matters presented to them, especially where the question of unfair competition was involved, and pointed out that numerous issues were being presented for consideration. An honest solution of these problems depended upon the support of the entire organization, he said.

The executive committee voted to accept for study the national association question No. 14, dealing with "The Study of Freight Allowance." Action was also taken approving the support of the bill recently introduced in Congress by Representative Warren J. Duffey of Ohio, which extends Title 1, of the National Housing Act after the expiration date of April 1 next. All members of the association were requested to write to their congressmen and senators, urging them to give their full support to the bill.

Howard C. Beck, jr., city auditor and director of the Baltimore emergency relief commission, was the speaker of the evening and covered the operations of the B. E. R. G. from the beginning in 1931 to the present time.

Wittenberg Elected Head Of Synthetic Resin Ass'n

The annual meeting of the Synthetic Resin Manufacturers' Association was held February 14 at the Hotel Roosevelt, this city, and A. J. Wittenberg, of the Stroock & Wittenberg Corporation, was elected president to succeed Grodon Brown, of the Bakelite Corporation.

A. J. Wittenberg

Mr. Wittenberg is a former vice-president of the association.

Other officers elected were:—Vice-president, H. C. Gerlach, of John D. Lewis, Inc., Providence; secretary-treasurer, C. J. O'Connor, of Beck, Koller & Co., Detroit. In addition to these officers, who also serve as directors of the association, Gordon Brown, the retiring president, and H. N. Dauler, of the Neville Company, Pittsburgh, were elected members of the board of directors.

Much of the business discussion at the meeting was devoted to the subject of freight rates on synthetic resins, but no resolutions were adopted on that subject. A committee was appointed to study a means of preparing universal method for determining melting points. The next meeting of the association will be held in June at a place to be named later. It will probably be held outside of this city.

Trade News Briefs

E. I. duPont deNemours & Co. has taken first honors in the 1935-36 Irwin D. Wolf competition for merit in packaging, sponsored by the American Management Association, for the company's five-star anti-freeze container, designed by James Nash and entered in the exposition.

McDougall-Butler Company, Buffalo, paint manufacturer, has added to its board of directors H. Vernon Smith and Herbert J. Miller. Both men have been with the company for many years, Mr. Smith as technical director and also secretary, a newly created position, and Mr. Miller as factory manager.

Fred. L. Lavanburg Company, this city, color manufacturer, reports the appointment of Nelson S. Landis as agent for the sale of the company's colors in Cincinnati and Louisville. His offices are in the Southern Ohio Bank building, 519 Main street, Cincinnati.

Chemical & Pigment Company, Baltimore, subsidiary of the Glidden Company, which manufactures litophone, titanolith and other chemicals, has given out a contract for the erection of a one-story addition, 107 by 280 feet, to supply more room for production. H. L. Rhodes is manager.

Hayes Sees Business Gains

J. E. Hayes president of the New Jersey Zinc Company, reporting at the company's annual meeting, February 26, said that the Company's business this year should exceed that of 1935. Business in January and February to date was better than had been expected and orders on hand exceeded those of the corresponding period a year ago. All retiring directors were elected.

Oils, Fats, and Waxes

Sales of Tallow at a Further Decline — Greases Also Weaker — Chinawood and Oiticica Oils More Active and Higher— Cottonseed Irregular — Copra Steadier

An increase was noted in the demand for certain paint oils last week but business in the general market for vegetable, animal and fish oils, fats and greases failed to show any broadening, purchasing by many consumers still being limited to comparatively small or moderate quantities to fill current needs, especially as the trend of cottonseed oil and lard was again downward at times. Changes in quotations on most products were comparatively small or moderate, but reductions were more numerous than advances, although offerings of many commodities were rather light.

Chinawood oil continued to be the leading feature of the list of vegetable products. The trend of the primary market was still upward in the main and a further rise occurred in domestic centers, with an increase noted in transactions. Developments in chinawood oil were reflected in oiticica oil, spot and shipment prices for that product being higher with buying interest more active. Copra was steadier but there were no new developments in the coconut oil situation in domestic markets, prices here and on the Cosat being stationary. Owing to a lessened demand for rapeseed oil, that product was available at lower prices, and the same applied to denatured olive oil. Edible cottonseed oil was reduced again by domestic refiners.

Among the animal products, cash lard was somewhat more active, though consumers showed little disposition to purchase ahead. Prices were irregular in company with futures in the West, where speculative operations were fairly active. Greases were easy with further shading of quotations. Stearin offerings were light and the market remained steady. Stearic acid was in fair demand at unchanged prices. Oleo oil was reduced by makers, as competition was keener in the absence of any broadening of trade. Lard and neatsfoot oils were steady. Lard compound was advanced moderately by producers. Fish oils were generally well maintained. Tallow was quiet much of the time and the market again weakened.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Beeswax, African, 1c. per lb.
Brazilian, ½c. per lb.
Chilean, ½c. per lb.
Chinawood oil, 1¼c. to 1½c. per lb.
Copra, 1-20c. per lb.
Lard compound, 25c. per 100 lbs.
Oiticica oil, 1c. per lb.

Reduced

Candelilla wax, ½c. per lb.
Carnauba wax, No. 1 yellow, 1c. per lb.
No. 2 yellow, 1c. per lb.
No. 2 North Country, ½c. per lb.
No. 3 North Country, 1c. per lb.
No. 3 chalky, 1c. per lb.
Corn oil, ⅛c. per lb.
Cottonseed oil, domestic, crude, ¼c. per lb.
Cottonseed oil, edible, 35c. per 100 lbs.
Grease, ⅛c. to ¼c. per lb.
Lard, Western, 25c. per 100 lbs.
Oleo oil, 50c. per 100 lbs.
Olive oil, denatured, 1c. per gal.
Rapeseed oil, 2c. per gal.
Tallow, ¼c. per lb.
Teaseed oil, spot, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
122.5	123.8	127.6	135.7

Market news that may have developed after this report was sent to press will be found on page 2.

Vegetable Oils

Chinawood.—A further rather sharp rise at Hankow was reflected in domestic markets, the tank car price here advancing to 16½c. per pound, with reports current of sales at that figure. In some quarters still higher prices were named. Later in the week there was a reactionary tendency developed abroad and offerings were reported here at concessions of 2 to 3 points, but there was no pressure to sell, as the opinion seemed to prevail in some quarters that still higher prices were likely to be witnessed later on, although some regarded the recent strength as due largely to speculative operations in the primary market by foreign traders. In other quarters, however, bullish ideas still prevailed concerning the outlook, the strength abroad being attributed mainly to purchasing for account of oil trade interests here and in other countries and based largely on a steadily growing consumption in various industries. A report was current late in the week that some oil had been resold to China by local interests.

Coconut.—Quiet conditions continued to prevail in local and Pacific Coast markets last week as consumers were disposed in many instances to hold aloof pending further developments in other commodities as well as in the Far Eastern portion of copra and oil. Sales of tallow were reported at a further decline and the trend of cottonseed oil was downward at times, the action of these commodities having a tendency to keep purchases of coconut oil down to a minimum. The prevailing tone was steady, however, and quotations on both crude and edible were stationary. Copra was steadier, offerings being light and on a slightly higher price basis than in the previous week. Reports were current to the effect that sales were made in the primary market to European buyers at prices above those prevailing here. Prospects for the coconut crop in the Philippines are said to be good although storms may cause a revision of crop ideas later on.

Corn.—The market for crude had a rather easy tone although price movements were narrow as offerings continued lignt with production still reported below normal. The trend of competing product was still downward at times, however, making consumers inclined to to curtail purchases, and quotations were shaded ⅛c. Refined oil was steady with a fairly active demand.

Cottonseed.—Edible oil again weakened, prices being reduced 35c. per 100 pounds by domestic refineries in the absence of any improvement in demand, buying interest being limited to comparatively small quantities. Imported oil was quiet but offerings were rather light and the market retained a steady tone.

Oiticica. — The strength of chinawood oil was reflected in a stronger market for oiticica. The inquiry was more active and sales were reported at 13c. per pound with higher prices named in some quarters though it was also said to be possible to purchase at a lower level. Spot stocks appeared to be small.

Olive.—Denatured oil was easier owing to a lack of demand of importance. Sales were reported in a jobbing way at 75c. per gallon and it was said to be possible to shade this figure on larger quantities. Foots met with a fair demand in a jobbing way and the market was steady, sales being reported on spot at 8¾c. per pound in cooperage.

Palm.—A steady tone prevailed here in the absence of any material change in conditions prevailing abroad where supplies available for prompt shipment appeared to be comparatively light. There was a fair inquiry here although the downward trend of late in competing product had a tendency to make large consumers in some lines inclined to curtail purchases for a time.

Perilla.—A steady or firm tone prevailed with some increase noted in the inquiry from local and other consumers as a result of the strength of some other paint oils. Sales were reported to have been closed at 6.6c. to 6.8c. per pound in tank cars on spot and at 6.4c. per pound for futures. Drum prices ranged from 7c. to 7¼c. per pound.

Rapeseed.—An easier tone developed owing to a lessened demand. Quotations on spot ranged from 52c. to 54c. per gallon with business reported to have been closed at the inside figure. Production of seed in Germany during 1935 was estimated at 81,000 tons against 52,000 tons in 1934.

Teaseed.—The market had an easier tone, spot oil being quoted at 9c. per pound with the same figure named for shipment.

Markets at Other Centers

San Francisco, Feb. 24.—Crude and refined vegetable oils in practically every division went through a comparatively quiet period last week as far as new business went, although movements against previous contracts continued in a good pace. Some materials were, by virtue of scarcity of offerings and stocks in strong tone. Others were leaning towards the easy side. There was no apparent pressure to sell in any case, the supply and demand position being fairly well evened off generally.

Ruling prices are:—

BABASSU.—Quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is quoted nominally at from 4⅜c. to 4½c. per pound in tankcars, f.o.b. Pacific Coast mill, after sales were previously reported at 4¼c. February-August shipment.

COPRA.—Quiet and until a more concerted movement in coconut oil takes place local mills are probably going to be content to coast along. Copra arrivals have been fair lately. Quoted at 2.70c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $24 per ton for domestic, ex mill. Philippine meal quoted at $22.50 ex dock, San Francisco.

CHINAWOOD.—Stronger, sales being registered last week on a rising market, which finally touched 15⅞c. per pound in tankcars, Pacific Coast, today. Sellers are asking higher figures now for February-September shipment.

SOYBEAN.—Crude Oriental oil, f.a.q., quoted at 5c. per pound, nominally, c.i.f. Pacific Coast ports in bulk steamers' tanks, with drum lots, duty paid, at 10c.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

TRADE ELAINE MARK
The best Oil for Wool, Lubricating and Screw Cutting Compounds, etc.
STEARIC ACID
Single, Double and Triple Pressed— Cakes and Powdered and Flakes
Established 1840
EMERY INDUSTRIES, Inc.
Formerly THE EMERY CANDLE CO.
CINCINNATI, OHIO
New York Office, 2116 Woolworth Bldg.
Telephone Cortlandt 7-1742-1743

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed IVORY BRAND
RED OIL (OLEIC ACID)
RUBY OLEINE BRAND (distilled)
STAR BRAND (saponified)
CANARY BRAND (very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yoppe, Robinsons, Bentleys, A. B. C. 5th Edition

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID — STEARIC ACID — RED OIL
FATTY ACID — GLYCERINE
STEARIC and BEESWAX CANDLES — CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street - - - New York
Factories: Newark, N. J., and Baltimore, Md.

DEPENDABLE FATTY ACIDS
Woburn Fatty Acids are the logical result of high-grade raw materials, modern equipment, strict factory control and constant research.
DISTOLINE (vegetable oleic acid)
OLIVINE (olive oil replacement)
IRONFREE WHITE OLEINE
COTTONSEED OIL FATTY ACIDS
COCOANUT OIL FATTY ACIDS
DRY CLEANING SOAP FATTY ACIDS
LINSEED OIL FATTY ACIDS
PALM OIL FATTY ACIDS
SOYBEAN OIL FATTY ACIDS
CASTOR OIL FATTY ACIDS
SUNFLOWER FATTY ACIDS
CHINAWOOD OIL FATTY ACIDS
Samples and detailed information on the products in which you are interested will be sent gladly.
WOBURN DEGREASING COMPANY OF N. J.
Chemical Division
HARRISON, NEW JERSEY

Stearic Acid
for all purposes
RED OIL · · · GLYCERINE · · · CANDLES
THE M. WERK CO., CINCINNATI, OHIO, U. S. A.
Established 1832
New York Sales Office • 15 Moore St., • New York City
Chicago Sales Office • 4103 So. La Salle St., • Chicago, Ill.

Refined and deodorized Oriental oil, duty paid, at 10⅜c. per pound in drums.

KAPOKSEED.—Foreign crude oil, February-June shipment from the Pacific Coast, is practically sold out. Quoted nominally at 8¼c. per pound in tankcars, f.o.b. Coast.

COTTONSEED. — Semi-refined foreign oil is quoted at 9.40c. per pound, duty paid in tankcars, f.o.b. Pacific Coast ports, February-April shipment. May-August shipment quoted at 9.3c.

PEANUT.—Crude oil is quoted at 9¾c. per pound in tankcars, duty paid, f.o.b. Pacific Coast, February-April shipment from the Orient. Oil crushed in domestic mills quoted at the same figures.

PERILLA.—Japanese oil is reported sold out in the earlier positions, with May-June shipment from the Pacific Coast quoted at 6⅛c. per pound in tankcars, f.o.b. Coast.

HEMPSEED.—Crude oil is quoted at 6½c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 7¼c. Refined oil quoted at 7½c. per pound in tankcars, with drum lots at 8¼c. ex warehouse. Seed is quoted at $30 per ton, c.i.f. Pacific Coast.

TEASEED.—Quoted nominally at 8⅝c. per pound in drums, c.i.f. San Francisco, February-April shipment from the Orient.

SESAME.—Crude oil is quoted at 6¼c. per pound in tankcars, f.o.b. mill, Pacific Coast. Seed for crushing is quoted at $54.25 per ton, c.i.f. San Francisco, February-March shipment from the Orient.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

BETA CAROTENE

FOR REINFORCING VITAMIN A VALUES

Grade X—Green Concentrate for Feed Oils
Grade Y—Yellow Concentrate for Feed Oils
Grade Z—Yellow Oil, deodorized for food and drug uses.

NEW LOW PRICES — WRITE FOR INFORMATION
State Concentration Needed and Grade Required

AMERICAN CHLOROPHYLL, Inc.
3249-44 Kay Street, N. W., Washington, D. C.
Sales Office: 48 Wall Street, New York, N.Y.

S. L. JONES & CO., INC.
Importers — Processors — Refiners

PAINT AND VARNISH OILS

CHINAWOOD OIL • PERILLA OIL • HEMPSEED OIL
SARDINE OIL

All oils processed to meet buyers' specifications.

140 California Street -:- San Francisco, Calif.

We are pleased to announce that M. D. Craig, formerly secretary and treasurer of Murray Oil Products Co., Inc., New York, is now associated with this company.

L. N. JACKSON & CO., Inc.
29 Broadway, New York

CHINA WOOD OIL
PERILLA OIL
FISH OILS
VARNISH GUMS

WHITE

COCONUT AND PALM OIL FATTY ACIDS

Also Complete Line Vegetable and Animal Oil Fatty Acids

Wecoline Products Inc., 15 E. 26th St., **New York**

INDEPENDENT MFG. CO. Bridesburg P. O. Philadelphia, Pa.

PROMPT SERVICE · FINE QUALITY · EXACT GRADING

FALKOVAR SKA

The latest development from the Falk Laboratories of a kettled fish oil which is excellent for one-coat enamels, low-priced gloss whites, eggshells and flats.

Write for sample and data sheet.

FALK & COMPANY
Pittsburgh, Pa.

Chicago, Feb. 26.—While there have been cases of price easiness to a further extent in the vegetable oils here in the last few days, the declines have been apparently not so extensive as those noted earlier, and some observers feel the market is in a way of stabilization. Coconut has remained fairly steady lately, while corn has tended slightly lower. On the other hand, Chinawood has recently turned considerably stronger and is now reported held for substantially higher prices by representative sellers. Soybean shows little change. Peanut oil seems a shade easier.

COCONUT.—Crude oil, 4⅜c. to 4½c. per pound; refined, edible oil, 11c. to 11¼c. per pound, barrels, car lots; and 11½c. to 11¾c., barrels, less than car lots.

CORN.—Crude, low acid, 8⅝c. to 8¾c. per pound, Chicago, partly nominal; and the same price, Midwest. Refined, edible oil, 10¾c. to 11c., barrels, car lots; and 11¼c. to 11½c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 17½c. to 17¾c. per pound; futures shipments, 16c.

SOYBEAN.—Crude, prompt shipment, 7c. to 7¼c. per pound, tanks, mills, depending on delivery date; and 8c., Chicago. Refined, drums, 10⅛c.

PEANUT.—Prime crude, 8⅝c. to 8⅞c. per pound, partly nominal; refined, edible oil, 11c. to 11½c., barrels, car lots; and 11½c. to 12c., barrels, less than car lots.

London, Feb. 18.—Soybean oil, crude, 28s. per hundredweight; palm kernel oil, refined, 34s. per hundredweight; rapeseed oil, crude, extracted, 34s. 6d. per hundredweight; coconut oil, Ceylon, 26s. 3d. per hundredweight; peanut, Indian, crude, 28s. 6d. per hundredweight.

Linseed Oil

Trading in flaxseed futures in domestic markets continued quiet with prices irregular. Changes in foreign centers were narrow. Linseed oil was quiet and easy. Cake and meal steady.

Flaxseed—DULUTH, Feb. 28.—Trading in the Duluth flax market in the last two weeks has been the dullest noted this season. Prices have showed very little change in recent sessions, holding closely to the $1.82 level for the May future. Speculative activity is dormant, with all interests apparently awaiting the opening of the spring season before making important commitments. With one to three feet of snow reported on the ground in most districts of the Northwest, grain and flax interests anticipate a favorable moisture outlook at the beginning of the planting season. Cash flax business here continued dull.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	...	...	...
Monday	$1.82	$1.82	$1.81¾
Tuesday	1.82	1.82	1.82
Wednesday	1.80	1.80	1.79¾
Thursday	1.78¾	1.78¾	1.78¼
Friday	1.79	1.79	1.78¼

Crop movement in bushels follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week.	1,523	150	....	7,688
Since Aug. 1	2,794,574	205,138	2,289,349	435,024

MINNEAPOLIS, Feb. 28.—Nationwide weather of very unfavorable temper for outdoor work slowed down the demand for cash flax in the local market this past week. Crushers were unable to dispose of much oil and therefore did not care to add to their reserves of raw material. Receipts were light all through the week and were exceeded by shipments so local public elevator stocks showed a healthy decrease in a three-day period. Loss in total was 30,000 bushels compared with 10,000 reported during the same period a year ago.

There was a slight gain in the country movement of seed but the total was unimportant. The first time temperatures rose above zero farmers stirred themselves and delivered moderate quantities of gain. This was reflected in pit operations. During the Monday session hedging pressure from the country was quite noticeable. A large cash interest absorbed the offers and crushers failed to display any interest. Altogether there was very little trade in futures taking the week as a whole. Speculative interest was nil.

No. 1 seed on spot quoted at 1c. to 6c. over May.

The week's closing price range was as follows:—

	Cash.	May.	July.
*Saturday	...	...	...
Monday	1.85½	1.79½	...
Tuesday	1.85¼	1.79¼	...
Wednesday	1.82¾	1.76½	...
Thursday	1.82½	1.76½	...
Friday	1.83½	1.77½	...

* Holiday.

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week.	19,380	47,240	41,860	17,040
Since Sept. 1	7,186,820	4,905,129	1,061,340	469,150

WINNIPEG, Feb. 28.—The flaxseed market continued quiet with moderate changes in quotations. The week's closing range was as follows:—

	Cash.	May.	July.
Monday	$1.59¼	$1.59¼	$1.57
Tuesday	1.59	1.59	1.56½
Wednesday	1.59¾	1.59¾	1.56⅝
Thursday	1.58½	1.58½	1.55⅛
Friday	1.57½	1.57¾	1.57⅝

BUENOS AIRES, Feb. 28.—Opening prices per bushel on March contracts were:—

	Last week.	Last year.
Saturday	*...	$0.99¼
Monday	*...	.99½
Tuesday	*...	.98¾
Wednesday	$1.19¾	.98¾
Thursday	1.19½	.98⅝
Friday	1.19	.99¼

* Holiday.

Exports

To—	Bushels		
	Last week.	Previous week.	Last year.
United States	47,000	287,000	315,000
United Kingdom	35,000	.....	122,000
Continent	299,000	575,000	453,000
Orders	228,000	307,000	390,000
Others	.....	70,000	31,000
Totals	609,000	1,239,000	1,311,000

Since January 1

To—	Bushels	
	This year.	Last year.
United States	2,401,000	4,745,000
United Kingdom	232,000	417,000
Continent	5,086,000	6,617,000
Orders	4,330,000	6,573,000
Others	177,000	457,000
Totals	12,226,000	18,809,000

Visible Supply

	Bushels.
Last week	4,331,000
Previous week	3,937,000
Last year	5,118,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels		
	Last week.	Previous week.	Last year.
United Kingdom	92,000	188,000	.....
Continent	64,000	4,000	8,000
Others	.....	.....	.....
Totals	156,000	192,000	8,000

Since April 1—	Bushels	
	This year.	Last year.
United Kingdom	3,616,000	4,616,000
Continent	780,000	1,148,000
Others	868,000	3,428,000
Totals	5,264,000	9,192,000

HULL, Feb. 28.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Calcutta.
Saturday	£10⅞	£13⅛
Monday	10⅞	13⅛
Tuesday	10⅞	13⅛
Wednesday	10⅞	13
Thursday	10⅞	13⅛
Friday	10⅞	13⅛

Linseed Oil.—Conditions prevailing in the local market remained about as noted in the previous week, business still being reported as extremely quiet with the tone of the market easy and quotations apparently nominal, ranging from 9.2c to 9.4c. per pound for oil in tankcars. Reports were current that the inside figure could be shaded by two or more points on a bid.

There was some increase in withdrawals on unfilled contracts as a result of better weather but the movement was still disappointing for this period of the year when preparations are usually under way for painting and repainting on an expanding scale. Advices from some outside points reported an increase in shipments on old contracts and there were also reports of an increased inquiry for fresh supplies.

The past month in the linseed oil market is said to have been one of the worst on record from a business standpoint but in view of the expanding activity in consuming industries and with expectations of construction and painting on a large scale during the coming season, the outlook was regarded as favorable for an expansion in purchasing operations in all linseed oil markets in the near future.

With production of oil curtailed, demand for cash seed in Northwestern markets continued quiet last week. Trading in futures was also slow with prices irregular. Changes in quotations in foreign markets were narrow. There was nothing new in the way of crop accounts from Argentina. Marketing in that country continued liberal and there was a further increase in stocks at the ports.

Crop accounts from India were more favorable, rains being reported in the sections of that country where moisture was recently said to be needed, with the indications pointing to a full yield of flaxseed. Arrivals of seed at New York last week were 295,663 bushels.

MINNEAPOLIS, Feb. 28.—As warm weather spreads over the country linseed oil demand shows gradual improvement but so far the change has been largely in the volume of inquiry. Actual sales during the week ending today were very light and currently the buyers show little inclination to put their names on dotted lines.

In addition to weather news the political situation remains a factor. Plans for putting through a housing program that will double that of last season promises some increase in oil use but so far the paint manufacturers have not anticipated requirements for their finished product.

Small lot trade is showing the best improvement. With signs of spring apparent preparations for outdoor work are being made but the effect has not reached the large manufacturers as yet.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 10c. per pound, tankcar lots 9.4c. per pounds, warehouse lots 10.4c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,695,549	1,909,781
Since Sept. 1	50,623,427	22,412,046

CHICAGO, Feb. 28.—Most of the linseed oil buying interest is continuing to hold to the limited lots, and most of the buyers are specifying early or even rush shipment to take care of depleted stock conditions. Ruling prices are: Tankcar, 9.4c. per pound; drums, car lots, 10c.; warehouse deliveries, five drums, 10.4c.

SAN FRANCISCO, Feb. 24.—Drum lot activity at standardized prices and in fair volume is about the only present feature of the linseed oil market here. Tankcar business is slow with the market broken

up into a variety of prices below sellers' posted quotations. As a whole it is a spotty market, with no particular interest being shown by the larger buyers. Contract movements against former purchases are keeping the trade quite busy. Quoted at:—Tankcars, 10c. per pound; drum car lots ex mill, 10.6c.; drum lots ex warehouse, 11c. Meal is quoted at $27 to $28 per ton ex mill.

LONDON, Feb. 28.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	26	4½
Monday	26	3
Tuesday	26	4½
Wednesday	26	4½
Thursday	26	3
Friday	26	3

Cake and Meal.—There were no new developments in the way of price changes, both cake and meal being held at the levels prevailing in the previous week with the market tone of the market steady. There was little change in the character of business, buying interest being limited to comparatively small quantities.

MINNEAPOLIS, Feb. 28.—Demand for meal is better but not very good as yet. Several days of warmer weather thawed out some of the side roads and farmers are able to get to town for supplies. During the past day or so sales increased some and there was a noticeable improvement in shipping instructions. Until the dearth of farm reserves has been accounted for crushers, and jobbers look for fair trade.

Fresh business is largely in small or mixed car lots. Distributors are anticipating a fairly active supply from consumers after the almost complete tie-up of the past month and are ordering supplies forward and are purchasing fresh lots.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, 30 percent protein, $21.00 to $21.50 per ton, 37 percent protein $24.50 to $25.00 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,224,000	3,087,723
Since Sept. 1	122,977,399	47,491,872

CHICAGO, Feb. 28.—Purchases of linseed meal have been fairly good, and the firm price structure reflects it. Resellers are offering a little material. Round lot business is slow. Ruling prices are:—Round lots, $27 per ton, largely nominal; car lots, $27 to $27.50; less than car lots, $29 to $29.50.

Cottonseed Oil

The local market for refined oil futures was irregular with trading rather active much of the time though considerable of the business consisted of switches. Southern markets for crude oil were quiet and easy. Temperatures over the cotton belt were higher with rains in various sections.

Cottonseed Oil.—The market for refined cottonseed oil futures was irregular last week. Speculative sentiment still appeared to be mixed and fluctuations in prices were frequent though the changes were not very wide. On the whole, however, there appeared to be rather more pressure to sell than there was to buy. The selling was regarded as for both long and short account with cotton trade interests again credited with operations on the latter side of the market. On declines recent short sellers covered and there was also more or less buying for a turn on the short side, some contending that a rally was due on general principles if for no other after the recent decline.

There was considerable switching from near to distant positions, operations of this character being something of a feature of the trading at times. March was switched to May at 10 points. July was switched to September at 9 points difference. Developments in outside markets were of a depressing character at times. A further decline occurred in lard futures. Live hog prices at Chicago were moderately lower at one time though the loss was not important. Marketing of hogs continued light but there was a disposition in some quarters to look for larger receipts as a result of more favorable weather, temperatures in many parts of the West being considerably higher.

Crude oil was easy in Southern markets. Bids were noted of 8c. to 8⅛c. per pound, though asking prices were somewhat above that level with offerings light. Tallow remained easy, sales being reported at a further decline. At an auction of tallow in London prices were lower than at the last previous sale with only 33 casks taken out of total offerings of 466 casks. Greases were available at further concessions in the absence of any broadening of trade. Business in many vegetable and animal oils and fats was quiet, consumers being disinclined to provide for future needs. Lard compound met with a better demand, however, and prices were advanced by makers. Receipts of hogs in the principal Western markets for four days of the week aggregated 168,086 head against 207,600 head in the same time last year. The average weight of the hogs received in Chicago during the week ended February 22 was 233 pounds, the same as in the previous week.

Weather conditions over the cotton belt were more favorable to the extent that temperatures were much higher. There were rains at many points, however, and reports from various sections were to the effect that preparations for the next crop were very backward.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from February 22 to February 28, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
March	9.51	9.16	9.35@—	71
April	...	...	9.40@—	...
May	9.61	9.30	9.61@ 9.63	79
June	...	...	9.45@—	...
July	9.65	9.35	9.64@ 9.65	247
August	...	...	9.45@—	...
September	9.53	9.26	9.52@ 9.53	191
October	9.25	9.25	9.20@ 9.35	1
Total sales (108 switches)				697

Spot (prime Summer yellow)—Nominal.
Crude, Southeast—8.25c. bid.
Valley—8.25c. bid.
Texas—8.12½c. bid.

Hull, Feb. 28.—Quotations on cottonseed oil were:—

	Refined (Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	27	0	24	6
Monday	27	0	24	6
Tuesday	27	0	24	6
Wednesday	27	0	24	6
Thursday	27	0	24	6
Friday	27	0	24	6

Cake and Meal. — Quiet conditions continued to prevail so far as the spot situation was concerned. The Memphis market for meal futures was fairly active with prices irregular. Offerings of spot material continued to be reported as light, however, with quotations generally held at around the levels prevailing in the previous week.

Markets at Other Centers

Atlanta, Feb. 26.—Prices are steady on a dull market. While weather has improved in the cotton belt, the soil has not yet dried out to an extent that it can be safely cultivated. Even in the lower cotton belt, where soils are sandy, land preparation is far behind. Fertilizer purchases are reported far behind. The situation is that a late planting season is apparently ahead.

Quotations of this market are as follows:—

OIL.—Prime crude, 8½c. per pound.
MEAL.—7 percent grade, $21.50, interior mills.
HULLS.—Loose, $9 per ton.
LINTERS.—First cut, 4½c. to 4¾c. per pound; clean mill run, 4c. to 4¼c.; second cut, 3¼c. to 3¾c.

Memphis, Feb. 28.—Crude cottonseed oil ruled quiet during the week. Mills in this section were not inclined to offer at the present market. Buyers continue indifferent. Quotations are mainly nominal at 8¼c. asked, Valley basis. Meal steady with a fair demand. Today 41 percent quoted at $20.50 per ton, Memphis basis. Hulls $7 per ton, Memphis. Weather conditions improved but farm work to date backward.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	February 21.	February 28.
March	$20.15@20.50	$19.50@19.60
April	20.35@20.60	19.70@20.00
May	20.60@—	20.00@—
June	20.60@20.80	20.10@20.25
July	20.75@20.85	20.20@20.35
August	20.75@21.00	19.75@20.35
September	20.00@20.75	19.35@19.80
October	—@—	19.25@19.50

Chicago, Feb. 28.—Business has quieted down somewhat in the cottonseed oil market, and the tone is about steady. The current business is of limited volume, but the buyers appear to be showing a fair amount of interest is obtaining material to cover their needs. Offerings appear limited. Prime crude oil in Texas and Oklahoma is ruling at 8¾c. per pound, and at the same price in the Valley and Southeast. Good, off-Summer, yellow fig oil is 10½c. Refined, edible oil is quoted at 12c. per pound, barrels, car lots; and 12¼c. to 12½c., barrels, less than car lots.

Animal Oils

Degras.—A steady tone prevailed, quotations generally ruling stationary during the period. There was apparently little change in the character of business, consumers being disposed to follow a conservative course in purchasing operations with the call for moderate quantities fairly active.

Lard.—The market retained a steady tone, quotations on all grades remaining where they stood at the close of the previous week. Consumers were not inclined to purchase ahead to any extent but a somewhat better inquiry was reported for small or moderate quantities.

Neatsfoot.—Business lacked snap but there was a fair movement into local and outside consuming channels, shipments for the week apparently being somewhat larger than in the previous period. Quotations were unchanged.

Oleo—An easier tone developed, competition among sellers being keener in the absence of any improvement in trade. Quotations were reduced 50c. per 100 pounds.

Markets at Other Centers

Chicago, Feb. 28.—Animal oils are in a rather easy and backward market price phase. This situation appears to be principally a reflection of the recessions recorded in the last few weeks in the basic raw materials. Inquiries indicate that the buyers have limited their ideas as to their needs to the barest minimums and are interested only in small lots for early shipment.

LARD.—No. 1, 9½c. per pound; No. 2, 9¼c.
OLEO.—No. 2, 11¼c. to 11½c.
TALLOW.—Acidless, 8¼c. per pound, tanks; 9¾c., drums, less than car lots.
DEGRAS.—Spot, 6¼c. to 6½c. per pound; domestic, 12c. to 13c.

Fish Oils

Menhaden.—The market for refined oil was somewhat more active though the improvement in business was not very pronounced, many consumers still being disinclined to provide for future needs. The call for small or moderate quantities was somewhat better than in recent preceding weeks, however, and the market retained a steady tone, previous selling schedules being adhered to by refiners.

Sardine.—Quotations on refined oil were stationary at the recent decline with the tone of the market apparently steady. Business lacked snap but there was a fair demand in a jobbing way. Crude oil on the coast was quiet and easy with offerings light.

Sperm.—The market was steady at the reduction in prices announced in the previous week. There was a somewhat better inquiry for moderate quantities from local and other consumers.

Whale.—The refined situation lacked new developments in the way of price changes, the market being steady at the recent decline. There was a somewhat better demand though business continued along conservative lines.

Markets at Other Centers

San Francisco, Feb. 24.—Business in sardine oil is at a low ebb all the way around, a natural state of affairs considering the fact that there is but little oil on the market held over from the season now terminating. A tankcar here and there might be picked up at a figure around 34 cents per gallon, f.o.b. production point in Northern California.

Fishing in the Southern California area, where the season closes the middle of next month, has been continually spotty, according to word received from that area today. This is especially so in the San Diego district, where it is said that a recent catch of sardines had a yield of only 16 gallons to the ton. This is in contrast to a 40-gallon figure which has been common in Northern California. San Pedro fish have been averaging around 30 gallons lately, it is said.

Increased canning operations by the California shore plants with the resultant by-product offal oil has somewhat increased the expected outturn of sardine oil this past season, it is said. As a result the production this season, when figures are finally compiled, may show more than 2,000 tankcars against an anticipated 1,700 forecast early in the season. The previous season there were approximately 2,750 tanks produced.

Some talk was heard last week regarding offerings of Oregon oil out of the coming season's catch with the figure of 36 cents per gallon being mentioned, but it was not regarded as likely that any business was done.

Ruling prices are:—

SARDINE.—California sardine oil is quoted nominally at 34c. per gallon in tankcars, f.o.b. Northern California. Southern California oil quoted nominally at 36½c. per gallon. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums, f.o.b. San Francisco.

SALMON.—Quoted nominally at 31c. per gallon in tankcars, Pacific Coast.

Baltimore, Feb. 26.—The business in menhaden fish oil continues to be in a state of complete suspension. The situation may change, now that very much warmer weather has made its appearance, with some chance of the bay being freed from its ice-blockade, but the indications are that no sales of oil will be negotiated for the present, since a fairly sustained improvement in climatic conditions will have to prevail before the producers feel warranted in making preparations for shipment. As far as can be learned, the inquiry sent out by one broker asking for tenders of oil has not elicited any response, and it may be questioned if a bid of even 36 cents per gallon, the top figure so far suggested by the sellers, would cause the latter to start fires under the boilers with a view to getting out the oil. Since the bid in question is set at 33 cents per gallon, there would seem to be no prospect that a single transaction can be closed, and there is every prospect that such supplies as still remain at the factories will be carried over until the Summer, which can be done easily enough, as the holdings do not exceed very moderate proportions.

Chicago, Feb. 28.—The fish oil purchasing trade apparently remains rather lethargic as to the offerings of material being made by sellers. The price structure is holding its own, however, or in one or two cases seems a little firmer. Interest is fairly good as to the West Coast products and a fair amount of material appears to be moving to buyers. Cod is reported a shade firmer in some quarters.

COD.—Newfoundland, 48c. to 49c. per gallon.
MENHADEN.—East Coast, 41c. to 42c. per gallon.
SARDINE.—Pacific Coast, 37c. to 38c. per gallon.
SALMON.—Pacific Coast, sellers' tanks, mostly nominal.

(Continued on page 52)

Cottonseed Statistics: August-January

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out and held, August 1 to January 31, 1936, and 1935, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed and Held

	Tons — Received at mills* Aug. 1 to Jan. 31. 1936.	1935.	Crushed Aug. 1 to Jan. 31. 1936.	1935.	On hand at mills January 31. 1936.	1935.
United States	3,479,335	3,220,153	2,932,092	2,586,081	636,818	856,833
Alabama	266,473	259,679	242,934	213,353	32,529	65,413
Arkansas	282,034	277,840	220,010	211,449	64,433	71,472
California	91,431	98,135	65,907	71,238	25,873	27,077
Georgia	363,663	395,432	346,972	298,529	38,859	122,913
Louisiana	160,753	144,240	145,310	132,306	16,806	15,474
Mississippi	500,361	462,885	381,105	315,914	132,268	166,266
North Carolina	205,688	233,180	180,032	181,687	35,733	53,434
Oklahoma	186,333	92,928	170,879	77,917	17,697	33,016
South Carolina	178,705	182,625	167,832	160,239	12,634	23,457
Tennessee	226,967	275,046	183,810	214,485	47,563	85,775
Texas	917,165	685,614	745,668	621,569	193,909	166,806
All other states	99,762	112,549	81,633	87,395	18,514	25,730

* Includes seed destroyed at mills but not 89,575 tons and 222,761 tons on hand August 1, nor 37,581 tons and 69,006 tons reshipped for 1936 and 1935 respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to Jan. 31.	Shipped out Aug. 1 to Jan. 31.	On hand January 31.
Crude oil, pounds—				
1935-1936	*28,262,543	881,577,071	803,994,797	*128,018,470
1934-1935	34,400,287	796,046,265	763,810,874	102,045,384
Refined oil, pounds—				
1935-1936	†444,833,215	‡716,285,664	.....	†453,990,342
1934-1935	656,804,830	678,525,430	.....	516,802,658
Cake and meal, tons—				
1935-1936	198,367	1,321,846	1,161,461	358,752
1934-1935	124,572	1,171,694	955,503	340,763
Hulls, tons—				
1935-1936	76,604	753,663	641,134	189,133
1934-1935	30,958	668,532	507,222	192,268
Linters, running bales—				
1935-1936	71,292	660,378	531,844	199,826
1934-1935	75,958	566,912	463,877	178,993
Hull fiber, 500-lb. bales—				
1935-1936	1,332	24,947	24,331	1,948
1934-1935	646	37,166	34,440	3,372
Grabbots, motes, etc., 500-lb. bales—				
1935-1936	5,966	28,947	22,147	12,766
1934-1935	3,970	24,831	18,466	10,335

* Includes 8,916,786 and 19,990,349 pounds held by refining and manufacturing establishments, and 8,589,280 and 19,689,370 pounds in transit to refiners and consumers August 1, 1935, and January 31, 1936, respectively.

† Includes 5,175,698 and 15,079,547 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 7,214,525 and 8,329,938 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1935, and January 31, 1936, respectively.

‡ Produced from 775,368,310 pounds of crude oil.

Exports and Imports for Five Months Ended December 31

	1935.	1934.
Exports—		
Oil, crude, pounds	64,963	1,135,974
Oil, refined, pounds	1,270,437	1,310,548
Cake and meal, tons of 2,000 pounds	6,703	1,900
Linters, running bales	110,100	83,354
Imports—		
Oil, crude and refined, pounds	*57,435,988	9,156,997
Cake and meal, tons of 2,000 pounds	1,187	22,067

* Includes for January 947,122 pounds crude, and 10,805,242 refined, "entered for direct consumption," and 991,500 crude and 167,848 refined "withdrawn from warehouse for consumption," but not 2,406,015 crude and 3,228,328 refined "entered for warehouse."

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

SUN BLEACHED
Beehive Brand BEESWAX • Finest Quality • Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept, E 4 Syracuse, N. Y.
Established 1855
Spermaceti Ceresine Red Oil Glycerine Stearic Acid
WARRANTED PURE BEES WAX

Monsanto Intermediates

THE quality and economy of your processes of manufacture depend upon the use of intermediate chemicals that are consistently uniform and dependable. An increasing number of industries depend upon Monsanto-made intermediates to assure satisfactory results.

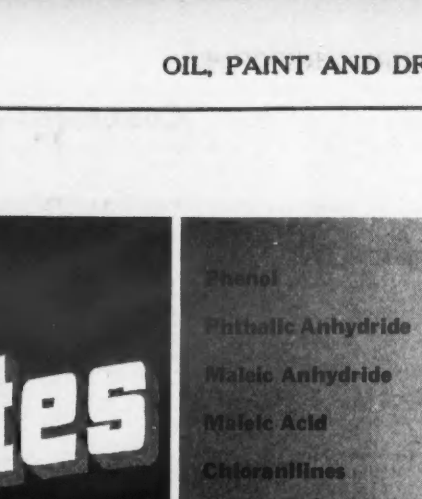
Monsanto Chemical Company
ST. LOUIS, U.S.A.

R.C.A. Bldg., Rockefeller Center NEW YORK
Tribune Tower CHICAGO
Everett Station BOSTON
Brown Marx Bldg. BIRMINGHAM
Johnston Building CHARLOTTE
Midland Building CLEVELAND
373 Brannan Street SAN FRANCISCO
378 St. Paul St., West MONTREAL

CHEMICALS OF QUALITY Monsanto ST. LOUIS, U.S.A.

Phenol
Phthalic Anhydride
Maleic Anhydride
Maleic Acid
Chloranilines
Chlorphenols
Ortho Anisidine
Para Anisidine
Orthophenetidin
Parophenetidin
Orthonitrochlorbenzene
Paranitrochlorbenzene
Dinitrochlorbenzene
Orthonitraniline
Dinitraniline

Di Butyl Phthalate
Di Methyl Phthalate
Di Ethyl Phthalate
Tricresyl Phosphate
Triphenyl Phosphate
... and many others



A new booklet giving specifications and application data on Monsanto Intermediates is now available.

Attend The Annual
DRUG and CHEMICAL DINNER
in New York City
Reserve the date—March 19th

Drugs, Fine Chemicals

Agar Agar Prices in Sharp Decline — Influenza Reported Severe in Ten States — Army Coup d'Etat in Japan Hinders Cable Communications—Menthol Steady

Each day brought additional news concerning the epidemic of influenza that for several weeks past has been spreading over the country like the "green bay tree." The result of the continued spreading of the influenza was exceptionally good demand for remedial agents wherewith to fight it most effectively, and that of course, brought to the drug and fine chemical market excellent demand for many of the items therein.

According to the latest information at hand, the influenza has appeared in force in the following states: California, Connecticut, Massachusetts, Missouri, New Jersey, New Hampshire, North Carolina, South Carolina, Texas and Vermont. From these states has come good demand for many items, especially for codeine. The latter is being supplied only with difficulty for the reason that the manufacturers have been unable to keep up with the flow of orders. Other articles in excellent demand were quinine, camphor, acetylsalicylic acid, amidopyrene, citrated caffeine, ammonia chloride, morphine sulphate, the bromides, epedrine, menthol, salol, strychnine sulphate, and theobromine sodio-salyicylate.

Quicksilver continued to be exceptionally firm in price and quite low as to supply. Mercurials were consequently well maintained on the basis of the recent advances noted in prices on hard mercurials; the soft mercurials had yet to change. Bismuth salts were somewhat quiet but the movement was generally steady on the whole. Alcohol moved less actively, especially as concerned the antifreeze formulas. This was a seasonal development and was without major significance on the market.

Communication with Japan was made difficult when early last week a military coup in Tokyo resulted in martial law being declared and all cable communications brought under the closest kind of military supervision in Japan. This rendered the primary market position of menthol and camphor somewhat hard to determine with any real degree of certainty.

Glycerin moved in excellent volume and some consumers were disposed to anticipate contract deliveries. Prices were very firm. Castor oil had a moderate call at steady prices. Agar agar was lowered again on the spot, reflecting lower prices on new crop.

Acetanilide.—The movement was excellent and on the whole showed the result of stimulated demand for the material. Prices ruled firmly throughout the entire week in the absence of much competition.

Acetphenetidin.—Conditions as concerned general health of the nation have not been too good for some time past and the presence of the influenza in many states has caused some gain in consumption of acetphenetidin. The market was very firm last week.

Acid, Acetylsalicylic.—Demand has broadened considerably. The call has come from a rather wide area and has gained substantially in recent weeks. The result has been a steady strengthening of the price structure and last week quotations were exceptionally firm.

Acid, Lactic.—Inquiries were numerous and sales volume was reported to have shown improvement so far as U.S.P. acid was concerned. Prices continued to be in well stabilized position here and in the foreign markets.

Acid, Tartaric.—Fair sized consuming request was current last week. Many of the orders were small in size but in point of number they were satisfactory and raised an excellent volume of transactions by the close of the trading period under review.

Agar Agar.—The effect of low prices at which replacement material due here in March has been available was clear on the spot last week. Quotations on holdover material were down sharply to the basis of No. 1 at 70c. to 71c. per pound; No. 2, 65c. to 66c.; No. 3, 55c. to 56c. Even these prices were considerably above those named on new crop goods for March arrival.

Alcohol.—A market of routine proportions prevailed during the past week. Because of seasonal influences, there has been somewhat of a drop in the movement of the completely denatured alcohol formulas and the contraction in shipments was notable last week. On the whole, it has been an excellent Winter for such formulas. Specially denatured alcohol moved in fair sized volume but the movement was said to be less than might be expected. This has been possibly caused by the poor transportation facilities that came with the record snows throughout the nation. Prices were apparently steady.

Aloin.—Inquiry was moderate in size but the market lacked any sign of unsettlement. The cost of raw material remained high and there were no signs of a change in favor of buyers.

Ammonia Chloride.—Demand has freshened of late and the call has come from a wide area of the country where Winter ailments in some instances are running in epidemic force. Prices ruled in very firm position last week.

Amidopyrene.—Very good demand was current, having broadened considerably in a market already active and well up to seasonal volume of trade. Quotations were very firm and apparently were likely to remain in well stabilized position.

Borax.—Shipments against outstanding contracts have been crippled somewhat by the lack of normal transportation facilities throughout the cold weather states. However, a return to normality is expected now that Spring cannot be far behind. The market was routine in all respects but it was also very firm.

Caffeine.—The call for citrated caffeine has been very active and sales volume was reported to be somewhat ahead of that a year ago. Prices were entirely on the firm side and the market was free from much in the way of competition. Alkaloid also moved in fair volume.

Camphor.—Demand has broadened considerably. Widespread presence of the influenza in many states has increased the call, especially for tablets. The market was very firm in undertone and it was also very steady, considering the excellence of request.

Cantharides.—Not much demand was current but the market remained steady. Replacement offerings have been moderate in size and prices at the sources of supply have been totally lacking in weakness in recent weeks. The call on spot last week was entirely jobbing.

Castor Oil.—Demand was not better than fair in volume. The movement into consumption was of moderate size but it also was quite steady and that tended to hold the spot market in well stabilized position throughout the past week. Production was well up to the consuming needs of the country.

CHICAGO, Feb. 27. — Demand for castor oil, as reflected in the current rate of demand from the drug trade, is comparatively brisk, and is holding the price structure firm and unchanged. Considerable interest in the outlook for the coming months is being indicated. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11½c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅝c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11⅝c.

Cocoa Butter.—Demand was very good, supporting the recent advances fully and resulting in values continuing to hold a tendency toward further rise. Stocks have decreased substantially, a condition that has also assisted in strengthening the market.

Codeine.—Phosphate and sulphate were in high demand. Producers had difficulty in meeting the demands for immediate shipments. Influenza in many states has added to the normal requirements of the medical profession and the result has been that factories have been running overtime to turn out the needed merchandise.

Codliver Oil.—Improvement in demand for spot goods has come with the presence of the influenza and common cold over vast areas in the country. The gains in sales have resulted in the market developing a firmer undertone but have not as yet been reflected in local views on prices. Also,

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Agar agar, No. 1, 10c. per lb.
No. 2. 10c. per lb.
No. 3, 5c. per lb.
Silver bullion, London, ⅛ pence per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
186.4	186.4	185.6	186.7

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4

C/P
CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N. Y.
MUrray Hill 6-1900

Established 1910
HUISKING
IMPORTERS AND EXPORTERS
We hope to see you at the
DRUG TRADE DINNER ON MARCH 19
Buying and Selling Agents for Manufacturers and Wholesalers in All Parts of the World

Alkaloids
Camphor Synthetic
U.S.P. XI 'DuPont'
Camphor Natural
Chalk Precip. U.S.P.
Cocoa Butter
Cod Liver Oil
Gelatine U.S.P.
Haarlem Oil
Halibut Liver Oil
Kamala
Kaolin
Lanoline
Lithol
Magnesia Calcined U.S.P.
Magnesia Carbonate
Manna
Mannite
Menthol
Mineral Oil U.S.P. *Heavy Russian*
Naphthalene
Quinine
Rosin, Powdered
Sal Ammoniac, Lump
Spermaceti
Sulphur Precip.
Thymol
Wax—Bees, U.S.P.
Witch Hazel
Zinc Oxide U.S.P.

THE PEDER DEVOLD OIL CO. LTD. ESTABL. 1872 MANUFACTURERS OF PEDER DEVOLD'S TRADE P.D. MARK COD LIVER OIL ÅLESUND - NORWAY

Sole U. S. Representatives for Shipkoff's OTTO OF ROSE
CHAS. L. HUISKING & CO.
— INCORPORATED —
Chicago Branch: 561 E. Illinois Street
155 Varick Street, New York, N. Y.

FINE HEYDEN CHEMICALS
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Creosote
Guaiacol
Creosote Carbonate
Guaiacol Carbonate
Potassium Guaiacol Sulphonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
factories GARFIELD, N.J. PERTH AMBOY N.J.
HEYDEN CHEMICAL CORPORATION
50 UNION SQ. NEW YORK, N.Y.
180 N. WACKER DR. CHICAGO, ILL.

substantial buying in Norway for September delivery was made.

Ephedrine.—Demand was very good. It has shown considerable expansion of late and sales volume was believed to be ahead of that in the past several weeks. Quotations were distinctly firm in all quarters, there being not the least sign of any early change.

Glycerin.—Business in chemically pure glycerin continued to be excellent in volume. Manufacturing requirements of buyers have been large and a feature has been the attempts of some of them to anticipate contract deliveries. Prices were exceptionally firm in all quarters. Crude glycerin was in light supply and was not likely to be increased in the nearby future unless there shall be a substantial change in the high cost of the article in the European markets.

CHICAGO, Feb. 27.—With the Spring period approaching, it is expected that the demand for glycerin will undergo some seasonal recession. Demand through the Winter period has been good, and the price situation on the c.p. material continues firm. Contract movement is reported good. Ruling prices are:—Dynamite, 14¼c. per pound; soaplye crude, 80 percent basis, 9¼c.; c.p., car lots, 14c.; c.p., returnable drums, 14c.; c.p., returnable drums, 14½c.; saponification, 88 percent basis, 9¾c. to 10c.

Menthol.—Demand continued to be moderate, but there has been some stimulation of sales from areas where the influenza has been a problem of increasing size in recent weeks. Prices on the spot were free from change, but there was some reason to suspect that purchases could be made at levels shading the openly expressed views of sellers. Communication with the primary market was interfered with when the military coup in Tokyo placed Japan under martial law.

Mercurials.—Steady prices were the rule last week under the influence of a moderate-sized but virtually normal request for the principal derivatives of quicksilver. Raw material values were exceptionally firm, a condition that found reflection in values quoted on the mercurial group.

Morphine.—The call for sulphate has been expanding of late, and production at the factories has been stepped up where stocks of raw material have permitted. The undertone of the market has strengthened substantially, and prices ruled in well-stabilized position throughout the period under review.

Quicksilver.—The market continued to be rather quiet so far as demand was concerned. Buyers' requirements were comparatively small, and hence most transactions were within jobbing limits on the spot. Prices remained very firm on the spot. The unsold supply held locally was very small, and, as domestic output was still at low ebb and will remain so until Spring permits reopening of the American mines, the effect on prices was to strengthen them, regardless of the limited sales volume current at this time.

SAN FRANCISCO, Feb. 24.—The current trend on the part of Pacific Coast sellers of quicksilver is to place emphasis on the small-lot market in New York where the metal is fetching a higher figure. Nothwithstanding this, however, local sellers last week were filling several orders for larger quantity business where a more ready market appears to exist. Inquiry here is good. Production this year on the Pacific Coast may rise somewhat as there is talk of reopening new mining properties. The market is quoted at $76.50 per flask in 100-flask lots, New York delivery, with San Francisco delivery being available at 65c. per flask less.

Quinine. — Demand continued to reach high levels, being stimulated by the influenza which in many states has reached epidemic force. The movement was broad and expansive and took place on the basis of prices that were exceptionally firm in all directions. Because of a change in the U.S.P. specifications on sulphate, effective June 1 when the U.S.P. XI becomes effective, the price on sulphate meeting said specifications is 57c. per ounce, compared with 51c. prevailing on U.S.P. X quinine. Demand for hydrchloride, salicylate, sulphate and bisulphate was particularly active during the period under review.

Salol.—Jobbers and wholesalers have had a considerable drain on their stocks because of health conditions throughout the country and the result has been a substantial improvement in the consuming demand for the material, a call supplied at firm prices.

Silver Nitrate. — The schedules of prices since the last report prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19⅞
Monday	32⅝	44¾	19⅞
Tuesday	32⅝	44¾	19¾
Wednesday	32⅝	44¾	19¾
Thursday	32⅝	44¾	19¾
Friday	32⅝	44¾	19¾

Soda Bromide. — The common cold has assumed great prominence throughout the country and has resulted in an increase in the consumption of this bromide. To the common cold has also been added the influenza that is rampant in many States. The market was active and firm.

Strychnine Sulphate.—Sales of the article in powdered form have increased somewhat since the development of adverse health conditions in many parts of the country. The market was very firm last week and activity gained considerably. Also, the producers were preparing for the much heavier demand for styrchnine salts that will come to meet the requirements in the agricultural areas following the Spring.

Terpin Hydrate.—Inquiry was more active and sales were understood to have increased moderately to meet the increased requirements of jobbers and distributors in those areas where the common cold and the influenza have constituted a serious health problem in recent weeks.

Vitab Engages Siemers As Technical Director

Vitab Products, Inc., this city and San Francisco, producer of soluble vitamins for pharmaceutical and food use, announces that it has engaged the services of Gustav Siemers as technical director of the company's California plant. Mr. Siemers has a record extending over many years as serving in official capacities for pharmaceucal and chemical firms. He was formerly chief of the synthetic organic division of Chas. Pfizer & Co., and more recently technical director of McKesson & Robbins, Inc.

Gustav Siemers

Blair to Address Drug Exporters

Frank A. Blair, president of the Proprietary Association and vice-president of the Centaur Company, this city, will address the Seventeen Club drug luncheon in the Export Managers Club annual get-together in the Hotel Pennsylvania, this city, March 17. His subject will be "Drug Trade Problems at Home and Abroad."

Lee H. Bristol, of the Bristol-Myers Company, medicines and cosmetics, this city, is chairman of the newly organized Advertising Research Foundation representing advertisers and advertising agencies. Among the ten other members are Ken R. Dyke, of the Colgate-Palmolive-Peet Company, and Turner Jones, of the Coco-Cola Company.

HEADQUARTERS
for
CRUDE DRUGS

WHERE WILL YOU BE ON THE NIGHT OF MARCH 19th?

At the annual dinner of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, of course, for no one interested in the progress of his business can afford to miss it.

S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U.S.P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
OXY-QUINOLIN
(8-HYDROXY-QUINOLIN)
Base or Sulphate

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
205 E. 42nd St., New York, N. Y.

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P. FLAG BRAND All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
Stocks carried in New York and other cities
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

SHERKA
The Night of March 19
will be a memorable one if you attend the Annual Dinner of the Drug, Chemical and Allied Trades Section of the New York Board of Trade. Everybody who is anybody will be there at the Waldorf-Astoria Hotel. Make your reservations early for yourself and your friends.
SHERKA CHEMICAL CO., INC.
86 ORANGE STREET, BLOOMFIELD, N.J.
Telephone Bloomfield 2-6800

Botanical Drugs, Gums

Saw Palmetto Berries Rise When Crop Collection Fails — Small Demand Brings Shading on Lavender Flowers—Iceland Moss Easier and Lower—Fringetree Down

Some improvement in transportation throughout the country was reflected in a gain in demand for botanical drugs during the past week. Orders which had been delayed in either placing or shipping were to the fore and most of the dealers were very busy during the period under review. The improvement in conditions was moderate and it was not likely that actual volume was substantially larger than it had been in recent weeks but there was more activity and conditions seemed to be tending toward a closer to normal situation.

Prices for practically all botanical drugs continued to occupy a firm, and well maintained, position. While the market was as competitive as ever, competition did not extend to any general atack on the prevailing structure of prices as a whole. The undertone governing the market for most items remained steady and conditions did not suggest any early change in the market in that respect.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Spanish, ¼c. per lb.
Celeryseed, Indian, 1c. per lb.
Fennel seed, French, ½c. per lb.
Lobelia seed, 2c. per lb.
Pimento, ½c. per lb.
Saw palmetto berries, 8c. per lb.

Reduced

Alkanet root, ½c. per lb.
Cassia, shortstick, ¼c. per lb.
Cinnamon, Ceylon No. 2, ¼c. per lb.
Clove, Zanzibar, ¼c. per lb.
Echinacea root, 1c. per lb.
Fringetree bark, 1c. per lb.
Iceland moss, 1c. per lb.
Kamala, 1c. per lb.
Lavender flowers, select, 10c. per lb.
Orange peel, sweet, 1c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
Sabadilla seed, powdered, 1c. per lb.
Sage, Dalmatian, ¼c. per lb.
Senna, T. V., No. 1, 1c. per lb.
No. 2, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
108.4	108.4	107.9	76.1

Market news that may have developed after this report was sent to press will be found on page 2.

Saw palmetto berries were advanced suddenly and sharply. Virtual failure of the crop was reported from Florida, which meant, mainly, that the crop had not been gathered because of difficulty in securing labor. Primary market dealers reported sales at much higher prices and, in one instance, declared that substantial business with consumers had been done at levels close to 75 percent higher than the price quoted on spot last week.

Lobelia seed was also higher on shrinkage in supply and betterment in demand. Indian celery seed continued to rise, the price movement being a further reflection of the very strong market that has developed on French seed here and abroad. The local depression of pimento prices, done for the purpose of shaking out weaker holders, according to report, passed and values once more advanced and appeared to be tending toward still higher levels.

Some downward readjustment in values was noted. Alkanet root was easier and lower, as also was echinacea root. Lack of demand for lavender flowers featured the end of the season in that article and sellers were willing to shade previous prices substantially. Kamala was down but the market was believed to be fundamentally firm. T. V. Senna, No. 1 and No. 2 at lower levels reflected changes in the replacement position of the article. Sabadilla seed in powdered form continued to decline under competition.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags—Detained.	Bags—Entered.
Anise	300	554
Caraway	2,683	3,490
Cardamom (cases)	100	653
Celery	...	848
Coriander	1,055	2,777
Cumin	...	2,592
Dill	25	25
Fennel	9	252
Mustard	...	4,982
Poppy	...	4,239
Sage leaves (bales)	...	1,024
Sesame	...	132,620
Thyme herb (bales)	49	140
Totals	4,221	153,546

Balsams

Copaiba.—Duty on this item has been cut 50 percent by a reciprocal tariff agreement with the primary market. The spot market was quiet but entirely steady throughout the past week.

Peru.—Business was moderate in volume but the market undertone kept steady in keeping with the absence of unsettlement in the replacement cost of the article. Demand was mainly for prompt requirements of buyers using moderate sized quantities of the item.

Barks

Cascara Sagrada.—Business was not very active but the market retained strength as its predominating feature, principally for the reason that the unsold stocks on the Pacific Coast have been rarely smaller and the bark available has worked into the hands of strong dealers with definite views as to values.

Fringetree.—Competition brought the market down slightly to the basis of 10c. to 11c. per pound. The call was mainly for jobbing lots, sellers being disposed to keep purchases down to a hand-to-mouth volume for the most part. Stocks were of fair size.

Orange Peel.—Sweet peel was offered at 8c. to 9c. per pound, being down slightly from previously prevailing levels. Bitter peel held without change at its former figure of 9c. to 10c. per pound. Demand was irregular most of the time during the period under review.

Prickly Ash.—Inquiry was somewhat sluggish but on the whole it was about level with the interest displayed in recent weeks. Business done was sufficient to create a market undertone of firm sort and to hold prices well maintained on the basis of 13c. to 14c. per pound.

Wild Cherry.—A normal interest was disclosed in this article in its several forms and hence the market was steady throughout the entire period. Stocks were said to be proving ample to meet the manufacturing requirements of the principal purchasers.

Beans

Tonka.—Although business was not expansive, it had a steady quality that was confined within jobbing limits for the most part. Prices were very steady in all quarters and signs of an early change were not mentioned in local circles during the past week.

Vanilla.—Prices were exceptionally firm as concerned all kinds of this item. The Bourbon beans were especially well maintained as to prices prevailing in the French markets and for the most part quality merchandise appeared to be in comparatively strong hands. Mexican beans continued to be available at prices even with those quoted on the Bourbon article and for that reason there has been some increase in the sales volume in the former material. The outlook seemed to favor markets of firm undertones to prevail for some time to come.

Berries

Raspberries.—A fair sort of trade was reported in this item but most of the orders involved quantities not notable for more than moderate size. Stocks were in firm hands and were not excessive in size. Hence, quotations occupied a very steady position throughout the period.

Saw Palmetto.—At the close of the previous trading period quotations were advanced on spot to the basis of 15c. to 16c. per pound following a rise in the prices obtained by sellers in the primary market. Reports were current to the effect that some manufacturing consumers have paid as high as 24c. per pound for quality merchandise. The strengthening of the market in the South was attributed to what was called a virtual failure of the crop, which was interpreted to mean that it had proven difficult to get the crop gathered.

Flowers

Arnica.—Business was fairly active. Individual quantities required by manufacturing consumers were moderate in size but the total volume of trade was satisfactory for the most part. Prices prevailing on the spot market ruled firmly throughout the period.

Calendula.—Not a great deal of interest was shown in the article but the market remained in firm position for the reason that stocks available on the spot at the present time showed a first cost that tended to check any tendency toward shading the market as quoted at 75c. to 80c. per pound.

Lavender.—Demand was very light. The season has about passed for this item and a market of routine and not especially interesting sort prevailed on the spot. Quotations on select material were lower at 95c. per pound in some quarters, $1 in others, and $1.15 in still further directions.

Mullein.—The tendency was toward continued competition for business in this article but as yet prices have not been reduced any further. The market held at 95c. to $1 per pound in most directions. Improvement in demand during the Spring months was expected.

Safflower.—Egyptian safflower was very firm in the primary market and the spot price was said to be close to

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 4

PROFESSIONALLY HOPKINS BRAND MILLED
PHYSIOLOGICALLY TESTED CHEMICALLY TESTED
CRUDE DRUGS
When You Want High Test Crude Botanicals Come to
THE HOUSE OF HOPKINS
NOW IN STOCK
PHYSIOLOGICALLY OR CHEMICALLY TESTED
SHOWING HIGH ACTIVITY
Aconite Root, Asafoetida Gum, Cinchona Bark, Cannabis American, Digitalis Leaves, Ergot Spanish, Goldenseal Root, Henbane Leaves, Myrrh Gum, Nux Vomica, Sandalwood Chips, Squill Root, Stramonium Leaves, Strophanthus Seed, Valerian Root
and every other crude drug in demand
CRUDE J. L. HOPKINS & CO. DRUGS
220 BROADWAY, NEW YORK

CRUDE AND MILLED BOTANICAL
DRUGS
HERBS, ROOTS, BARKS, SEEDS AND SPICES
PYRETHRUM POWDER AND EXTRACT
MURRAY & NICKELL MFG. CO.
2608 ARTHINGTON STREET CHICAGO, ILL.
Established 70 Years

Vanilla Beans--Tonka Beans
Thurston & Braidich, Importers, 55 Vandam Street, New York

VANILLA BEANS
F. HUBER & CO., - 99 Hudson Street, New York

PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.
CRUDE BOTANICAL DRUGS From Forty Nations
TRADE MARK

that prevailing for the limited spot stocks of the article.

Saffron.—Mexican saffron was very firm and in light supply. Replacements were very difficult to obtain and prices were uniformly high. Spanish saffron was steadier than it had been and prices failed to decline further. However, the market lacked important activity.

Gums

Arabic.—Business was not especially active but the market kept a fairly steady undertone that was in keeping with the lack of important fluctuation in the purchasing power of the dollar in terms of foreign currency. Local quotations lacked new developments, being for the most part in statu quo. Demand was moderate so far as size of individual orders were concerned but the total volume of trade was fair.

Benzoin.—Sumatra gum was dull. Demand was jobbing the greater part of the time last week and general interest in the material was not very active. Prices were without change, the recent decline in values being not extended during the period under review.

Camphor.—At midweek, communication with Japan was shut off so far as cables were concerned. Even telephonic communication stopped when internal troubles developed in Tokyo. Hence, the exact position of Japanese camphor was uncertain. However, the supply of domestic synthetic camphor was sufficient to meet the call for powder and granular material.

Gamboge.—In keeping with the stability ruling the primary market for this article, spot conditions ruled steadily throughout the past week and prices were maintained at all times throughout the period. Demand was mainly for quantities covering immediate requirements of buyers.

Myrrh.—Demand was light. It consisted mostly of a limited call for moderate sized quantities of the article. Prices remained steady in keeping with the fact that replacements from the primary market were not too easily obtained.

Herbs and Leaves

Buchu.—The market has steadied considerably and it appeared to be probable that the lower cost of new crop goods has been thoroughly discounted and that the current quotations were likely to be minimum when the new crop merchandise becomes available on the spot.

Catnep.—The advance was not extended but the market was in very firm position on the basis of 20c. to 21c. per pound, a value in line with replacement costs and what has been obtained for spot deliveries within the past fornight.

Sage.—Quotations have eased to the basis of 7c. to 7½c. per pound because, mainly, of a lack of demand in excess of limited proportions during the period under review.

Senna.—T. V. senna was lower at 12c. to 13c. per pound on the No. 1 quality, and 8c. ot 9c. on the No. 2. The No. 3 held unchanged at 6c. to 6½c. per pound and powder, siftings and pods also lacked quoteable change. The lower of quotations as reported above reflected some easing of the replacement position of the article.

UVA URSI.—Quotations from the Spanish market were steady to firm in response to inquiries sent to the source during the past week. Spot prices were firm and well maintained even though buying was somewhat slack during the period reviewed.

Miscellaneous

Cassia Fistula.—Steady market undertones accompanied equally steady spot prices on this material and for the most part the market appeared to be in about normal condition.

Iceland Moss. — Quotations were shaded slightly to the basis of 12c. to 13c. per pound. Because of the not very active interest in the material, the spot market has become more competitive than it had been of late. Stocks were in fair supply.

Kamala.—Spot offerings were made on the basis of 26c. to 27c. per pound during the past week and while the price was slightly lower than had been quoted of late, it was said that conditions were really but little, if any, changed. The primary market replacement cost was very steady.

Lycopodium.—Strong prices ruled the spot. Stocks were conservative in size and while slightly larger than they were recently, they were not sufficiently greater to create competition sufficient to bring about any substantial change in quotations ruling of late.

St. John's Bread.—Recent detentions by the Department of Agriculture because of inferior quality of merchandise have caused the market on this article to strengthen regardless of the current volume of consumer interest. Quotations were higher and nominal at 8c. per pound.

Roots

Alkanet.—One quarter on the spot shaded prices to the basis of 10c. to 11c. per pound as a competitive measure calculated to bring to the seller some business that developed during the period under review.

Echinacea. — Competition was more current on the spot last week. Some business was done at a decline to the basis of 16c. to 17c. per pound, following which a steadier tone came to the market and it was intimated that the decline was unlikely to be extended.

Rhubarb.—A firmer undertone has developed locally. Sellers were less disposed to compete for business on the basis of price, indicating that the replacement cost of the article was full warrant for maintenance of quotations prevailing since the recent drop in spot values.

Senega.—Dealers were disposed to look forward to a revival of export demand in the months ahead. There has not been much buying abroad for some time past. Despite the absence of more than moderate business, prices remained steady on the spot throughout the past week.

Valerian.—Further shading of prices failed to develop but the market was not particularly steady as quoted and for the most part the tendency was to await further developments in the consuming market. Demand during the past week was irregular and mainly of jobbing sort.

Seeds

Anise.—Spanish seed was a fraction higher, movement into consumption being more prominently a part of business during the past week. Star seed held unchanged. Reports were to the effect that offerings of star seed for shipment from China were none too plentiful.

Celery.—Quotations on Indian seed were advanced to the basis of 15c. to 15½c. per pound, reflecting once more the stronger position developed parallel with the substantial rise in shipment prices on French seed during recent weeks. French seed held unchanged on spot last week, selling for 21c. to 22c. per pound.

Fennel.—French seed was advanced to 9c. to 10c. per pound and then held firmly at that level during the booking of fairly substantial business during the past week. German seed was about steady but call for the same was not especially active.

Lobelia. — Several parcels changed hands last week on the basis of 32c. to 35c. per pound, being a rise of 2c. from the previously prevailing quotation on the article. A considerable shrinkage in competition was said to have strengthened the spot position of the article.

Sabadilla.—Powder was reduced once again. Offerings were made at 20c. to 21c. per pound during the period under review and even at the more attractive limit, interest in the article was confined to the taking of comparatively small lots of the material.

Spices

Cassia.—The sole change in price came in shortstick cassia, which was reduced fractionally to the basis of 11¾c. to 12¼c. per pound under competition. Other varieties of the material were held to a steady price position under the influence of quiet but regular demand for quantities normal for the market in recent weeks.

Cinnamon.—Ceylon No. 2 was lowered to the basis of 14¾c. to 15¼c. per pound but the No. 3 article was unchanged at 14½c. to 15c. The position of the latter material, however, was considerably easier than it had been. Competition was active in a somewhat dull consuming market.

Clove.—Zanzibar clove was reduced locally to the basis of 13¾c. to 14¼c. per pound. Madagascar held without change at 14c. to 14½c. The market has been generally easier on the spot of late and with more competition being the rule, values have been moved further in favor of the manufacturing consumer.

Pepper.—Java Muntok was lower under competition, sales having been made at 10½c. to 11c. per pound during the past week. No other change in the pepper group was made. Demand was generally quite dull and that condition applied to spot deliveries and later arrivals alike.

Pimento.—The market strengthened following the development of lower spot prices, a movement believed to have had for its object the shaking out of weaker holders of the material. Quotations were higher on the basis of 14½c. to 15c. per pound late last week and the tendency seemed to favor the development of still further rise in prices.

Insecticide Specification For N.Y. City Revised

A revised tentative specification for liquid insecticide for the City of New York was drawn up at a preliminary hearing held February 24 in the Central Testing Laboratory. The new tentative specification, which is a revision of the specification drawn up in November, 1935, will be released shortly.

Recommendations or suggestions pertaining to the tentative specifications may be made to Dr. Stroud Jordan, of the Central Testing Laboratory, who officiated at the hearing. Present at the hearing were approximately 130 representatives of insecticide manufacturers. The City of New York was not represented in the discussion at the hearing.

Martin Takes Larger Quarters

William E. Martin, this city, import agent and broker of crude drugs and spices, is moving to larger quarters at 87 Maiden Lane. Mr. Martin has taken on several new foreign accounts during the last year, and is making progress in the castile soap field, marketing an Italian product under the name of "Martins Castile Soap." He also has taken on representation for A. S. Fiskeprodukter & Co., Bergen, Norway, manufacturer and importers of Fiskeprodukter brand codliver oil; and Frederick William Pabst, one of the oldest shippers of jalap root, scammony, sarsparilla, saffron and other drugs in Mexico City.

Smith Joins Hopkins Organization

J. Van Velsor Smith has joined the organization of J. L. Hopkins & Co., botanical drug merchant, this city. Mr. Smith was formerly connected with the firm of Peek & Velsor, Inc., also of this city, which house he left some years ago to engage in export business to South America. He is also known in theatrical circles as a playright of considerable accomplishment.

Abbott Laboratories Income at New Record

Abbott Laboratories, North Chicago, Ill., manufacturing pharmaceutical chemist, reports earnings for 1935 reached a new high mark, $1,135,500, compared with $896,959 in 1934. A new peak also was reached in sales volume. The net earnings per share in 1935, on the basis of 145,000 shares outstanding at the beginning of the year, were $7.83 per share, compared with $6.18 per share on the same number of shares the year previous. There are now 200,000 shares outstanding following the disbursement of a stock dividend of 33⅓ percent November 15.

The board of directors, February 20, voted to increase the regular annual dividend basis from $2 to $3 a share. A dividend of 75 cents per share was declared for the first quarter of 1936, payable April 1 to stockholders of record March 18. An extra dividend of 10 cents a share, payable at the same time, also was declared.

London Drug and Oil Data

Stocks of drugs and oils ni London public warehouses, January 31, 1936, and 1935, and the movement of these goods into and out of such premises during January, this year, were as follows:—

	Landed.	Delivery.	Stocks 1936.	Stocks 1935.
Shellac, orange, cs.	1,790	13,180	156,620	813,041
garnet, cs.	791	378	1,020	971
button, cs.	518	370	1,209	405
Totals	118	54	863	1,004
Quinine sulph., lbs.	8,550	8,550	....	....
Cinchona bark, South American, cs.	....	....	....	....
East India, Ceylon, Java, bls., etc.	118	54	863	1,004
Totals	118	54	863	1,004
Aloes, cwts.	121	117	110	473
Anise, Star, cwts.	12	9	18	15
Arrowroot, bbls.	575	425	1,879	1,987
boxes and tins	....	....	....	....
Balsam, cwts.	....	7	36	85
Cascara sagrada, tons	2	12	58	157
Tanners' bark, tons	....	....	....	....
Beeswax, pkgs.	1,349	1,416	2,399	2,732
Japan wax, cs., etc.	181	93	193	102
Camphor, pkgs.	383	290	534	476
Cardamom, cwts.	252	228	378	704
Cochineal, bgs.	....	8	42	57
Cocculus indicus, bgs.	....	....	....	....
Colombo root, bgs.	200	105	447	1,180
Cubebs, bgs.	....	2	15	....
Dragon's blood, cs.	20	14	133	112
Nutgalls, China and Japan, cs.	320	320	798	280
Turkey and Persian, bgs.	40	11	84	49
Gum, ammoniac, pkgs.	....	....	28	26
animi, pkgs.	74	86	426	730
copal, pkgs.	3,334	3,177	408	15,551
arabic (all descriptions), pkgs.	116	1,408	11,786	6,414
asafetida, cwts.	....	9	416	232
benzoin, cwts.	65	87	845	680
dammar, pkgs.	2,780	1,912	5,672	4,202
gamboge, cwts.	....	2	26	60
guaiac, cwts.	....	21	145	140
elemi, pkgs.	....	....	....	....
kauri, tons, net	51	43	299	184
mastic, pkgs.	....	....	5	27
myrrh, East India pkgs.	....	20	125	248
olibanum, pkgs.	10	5	278	357
sandarac, pkgs.	20	8	178	78
tragacanth, pkgs.	478	605	4,572	5,469
Ipecac, Mattogrosso, Minas, Carthagena, E. I, cwts.	114	26	151	96
Jalap, cwts.	....	....	31	31
Myrabolans, tons	1	....	8	1
Nux vomica, cwts.	50	....	476	454
Oils, castor, cwts.	95	53	146	154
palm, tons	....	....	1	....
coconut, tons	91	94	61	64
olive, csks., etc.	818	697	1,049	938
*anise, cwts.	62	47	57	47
cassia, cwts.	22	23	1	....
Graphite, tons	22	24	35	10
Rhubarb, Chinese rhapontica, cwts.	44	66	180	471
Saltpeter, tons	11	9	11	10
Nitrate soda, tons	110	175	1,812	1,785
Sarsaparilla, cwts.	13	29	356	406
Senna, bls.	285	387	4,245	5,245
Sticklac, cs.	1,361	794	1,668	881
Gambier, tons	4	7	10	5
Cutch, tons	....	3	13	18
Turmeric, Bengal, tons.	....	....	16	36
Madras, Cochin, etc., tons	13	28	77	44
Total tons	13	28	93	80

* Stocks at certain wharves not included.

Industrial Alcohol Data

Ethyl and denatured alcohol production, withdrawals, removals, transfers, and month-end warehouse stocks for the month of January, according to statistics supplied by the Alcohol Tax Unit of the Bureau of Internal Revenue, Treasury Department, and based on the operations of twenty-two plants producing ethyl alcohol, and thirty-five plants producing denatured alcohol, were as follows:—

Ethyl Alcohol

	Proof gallons.
Production	13,178,706
Withdrawn, tax paid	1,840,392
For hospital, scientific and educational use	156,771
For United States and subdivisions.	83,870
For export	20,530
For denaturation	10,432,704
Transferred to vinegar plants	59,337
Stocks, January 31	19,385,601

Denatured Alcohol

	Wine gallons—Completely.	Specially.
Production	958,485	5,248,067
*Removed	970,326	5,172,823
Stocks, January 31	1,221,813	517,505

* Including amount shipped to bonded dealers.

According to the reports from sixty-four bonded dealers, 319,535 wine gallons of specially denatured alcohol were received from the denaturing plants in January. There were 317,138 wine gallons disposed of to bonded manufacturers. Shipments between dealers totaled 4,047 wine gallons. Stocks on hand at the end of January totaled 361,794 wine gallons.

The above figures are subject to change upon audit of reports rendered to the Department.

Carolina Aniline Expanding

The Carolina Aniline & Extract Company, Charlotte, N. C., manufacturer of sulphonated oils and other textile chemicals, has started construction of a modern, all-steel and concrete plant, with brick offices and laboratories. The plant will be comprised of approximately 20,000 square feet of floor space and will be so constructed that seven similar units can be placed on the property to meet further expanding business. The sulphonation equipment will be made completely of monel metal for the sulphonation of animal and vegetable oils. The laboratory is planned to be one of the finest in the South with all types of equipment for the development of new products and the analysis of various types of textile chemicals.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 4

25 Years' Experience

CFCo CHARLES FISCHBECK CO. INC. NEW YORK

Essential Oils
Perfume Bases
Aromatic Chemicals

Our laboratories are constantly developing new perfume bases for extracts, toilet preparations and soaps.

LET US CREATE A NEW ODOR FOR YOUR LINE

CHARLES FISCHBECK CO., INC

119 West 19th Street. New York.

Essential Oils, Aromatic Chemicals

Acute Shortage Accompanies Sharp Advance in Anise — Coriander Scarce and Higher — Dill Rises on Better Demand — Lower Duty Reduces Cajeput Cost

The outstanding development in the market for essential oils and aromatic chemicals came in anise oil during the past week; a sharp rise came at midweek and scarcity of supply was the universal report. Coriander was also higher and dill oil moved against the advantage of buyers. Java citronella was higher, spot and shipment. Imported pennyroyal brought more money and further rise in quotations was expected. The sole decline of the week came in U.S.P. IX cajeput.

Poor transportation facilities continued to affect business adversely. Although the movement of transportation mediums was rendered somewhat improved by the general rise in temperature and its accompanying thaws, roads were still blocked to the point of being impossible in certain areas of the country and at the very best the movement of merchandise was subject to more than the normal chances for delay.

Such conditions could do little less than affect demand for essential oils and aromatic chemicals adversely and it was believed that some time must past before trade is returned to normal volume and conditions. Notwithstanding adverse conditions, the prices on most items continued to be very steady and on some of them real strength was disclosed as the week progressed.

Anise oil was one of the strong items. Technical oil was unobtainable from the source. Stocks of U.S.P. oil on spot have dwindled materially and the presence of a fairly active call for the article forced values to higher levels. Stocks of coriander were also very small and they cannot be readily increased because of a lack of offerings from Europe. The spot price was raised and at minimum quotations none but the most limited quantities could be obtained.

Java citronella was higher in the primary market and spot quotations followed closely. Ceylon oil tended to become firmer but the market was still too competitive here to permit an increase in quotations. Better demand for dill oil resulted in reduction in reserves, a development that came in company with substantially higher quotations on both weed and seed material. The replacement cost of imported pennyroyal was up; so were spot quotations.

Import cost of cajeput oil has been reduced by reason of the lowering of duty to the extent of 50 percent; it was 25 percent ad valorem and is now 12½ percent since the new tariff treaty between Holland and the United States became effective. Hence, prices on U.S.P. IX cajeput oil were down slightly last week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, U.S.P., 10c. per lb.
Bergamot, 5c. per lb.
Citronella, Java, 3c. per lb.
Coriander, 50c. per lb.
Dill, seed oil, $1 per lb.
weed oil, 10c. per lb.
Pennyroyal, imported, 5c. per lb.

Reduced

Cajeput, U.S.P. IX, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.3	70.1	70.9	72.3

Market news that may have developed after this report was sent to press will be found on page 2.

Essential Oils

Anise.—Prices on U.S.P. oil were advanced sharply to the basis of 60c. to 70c. per pound and late in the period the tendency was to withdraw the minimum figure. The advance was caused by scarcity of spot stocks. Replacements from the primary market have not been obtainable in normal quantities for many weeks and the few lots that do reach this market are insufficient to supply trade requirements.

Bergamot.—Prices on spot were higher at $1.80 to $2 per pound. The situation continued to tighten when foreign shippers continued to be reluctant offerers of the article. The lack of offerings was believed to be caused by the move toward government control of production and sales in Italy.

Bois de Rose.—All indications pointed to a firm and well stabilized market on Brazilian oil. Shipment prices have been fully maintained and, hence, spot quotations lacked change. Cayenne oil was in similar position. Demand was said to have been very good on the whole.

Cajeput.—Import duty on this item has been reduced 50 percent under terms of the tariff treaty recently effective between Holland and the United States. Quotations on U.S.P. IX material were lower at 52c. to 60c. per pound, depending on seller. No open change in the price on technical has been made as yet.

Camphor.—The trade was naturally concerned regarding the future shipments of this oil in view of the unsettled political conditions that in Tokyo led to the establishment of martial law last week. The market held firm locally in the absence of definite news concerning future replacements of the oil.

Cananga.—Hand-to-mouth demand was current during the market last week. Buyers purchased close to actual requirements, but the total volume of transactions was not very large. Prices remained very steady on the spot, a condition in line with replacement conditions.

Capsicum (Oleoresin).—This oleoresin was in moderate request and trade was generally within the limits noted in recent weeks. Prices were about steady, mainly for the reason that competition was not very active and production costs have been supported by firm prices that ruled on raw material.

Caraway.—Business was fair. Movement was in moderate sized quantities that built a fairly satisfactory total volume of trade. Quotations were very steady. Stocks were ample to meet the call current of late. Replacement costs were well maintained at the source.

Cassia.—This market was comparatively easy. Open quotations on U.S.P. oil were without change but conditions were such as to suggest that shading would not be unlikely should orders of attractive size come to the spot. Competition has been quite keen of late and it still pressed actively on this market.

Cedarleaf.—No relief from the shortage in spot goods has come about as yet and until stills can be operated in the primary market, local stocks were likely to remain comparatively small. That condition was more than sufficient to account for the firmly maintained prices. Also, however, fair-sized demand was noted.

Cedarwood.—Inquiry was not especially active on the spot and on the whole the quiet market was productive of prices that were but moderately well maintained locally. Stocks seemed ample to meet the current call.

Citronella.—Shipment prices on Java oil have been advanced further and the spot quotation went to the basis of 30c. to 31c. per pound during the past week. A firmer undertone also ruled in the market for the Ceylon article, competition being slightly less oppressive than it had been of late.

Clove.—Spice has been slightly easier of late and prices have moved in favor of buyers. However, quotations on oil remained free from change and they were being well maintained in practically all quarters. A fair sized but not expansive demand ruled the spot.

Coriander.—Dealers who recently reduced prices to meet the competition that on spot sold goods into consumption at $4.75 per pound have abandoned that position and returned values to higher levels. In some instances, as high as $5.50 per pound was being asked. The market was minimum at $5.25 and not much oil would be sold at that figure. Replacement of depleted stocks is all but impossible.

Cubeb.—Trading was very quiet, consisting only of jobbing request. However, in view of the fact that raw material values in the primary market have been totally devoid of all signs of present or pending weakness, sellers of oil took a firm view on the market and held quotations to a strong position.

Dill.—Some fair sized business has been done of late, there having been a revival of trading within moderate limits. The result was prices that were firmer and higher in practically all directions. Seed oil was priced at

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4

FITTED TO *serve* YOU BEST

By Virtue of Its
ACCURACY
Accuracy is the watchword of the MM&R organization. Not only in the laboratory — but throughout the entire organization. Whenever exacting demands are made, MM&R may be counted upon to meet them accurately and dependably!
MAGNUS, MABEE & REYNARD, INC.
QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, CONCENTRATED FLAVORS . . . Since 1895
32 CLIFF ST. N.Y.C.
OFFICES IN PRINCIPAL CITIES

MYSORE GOVERNMENT
SANDALWOOD OIL
Distilled at Linden, N. J. from selected Mysore Heartwood by Sole Distillers and Selling Agents
W. J. BUSH & CO.
INCORPORATED
Essential Oils • Aromatic Chemicals • Natural Floral Products
NEW YORK CHICAGO NATIONAL CITY MONTREAL

D. W. HUTCHINSON & CO., Inc.
ESSENTIAL OILS
Oil Lavender Spike
162-164 FRONT STREET ESTABLISHED 1896 NEW YORK

ESSENTIAL OILS
H. C. RYLAND, Inc.
161-3 Water St., New York

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

ESSENTIAL OILS
AROMATIC CHEMICALS
BASIC PERFUMES
FLAVORING MATERIALS
SCHIMMEL & CO., Inc.
601 WEST 26TH STREET NEW YORK, N. Y.

D&O ESTABLISHED IN 1798
The Standard of Quality
"D & O"
Use our oils from spices have changed many processes in which the whole spice was heretofore employed.
Oil Cardamom
Oil Cassia U S P
Oil Celery Seed
Oil Clove U S P
Oil Coriander
Oil Dill Seed
Oil Ginger
Oil Nutmeg
Oil Pepper, etc., etc.
DODGE AND OLCOTT COMPANY
180 Varick Street New York City
Branches: Philadelphia – Boston – Chicago – St. Louis – Los Angeles
"The integrity of the house is reflected in the quality of its products." © 1936

$4.25 to $4.50 per pound and the weed oil was held for $5.25 to $5.50.

Eucalyptus.—Demand continued to be active and, on the whole, larger than normal for this article notwithstanding the fact that this is the season when consumption is usually expansive. Influenza in major proportions reported in seven states of the country is believed to account for the excellence of demand.

Geranium.—Replacement cables continued to report well maintained prices on the basis of the recent rise at the source. Local quotations were exceptionally firm notwithstanding the fact that demand was generally rather light throughout the past week.

Ginger.—Raw material has taken a stronger turn abroad, especially in London where prices were found to be higher and where merchants were attempting to buy stocks already in this country. Oil was very firm notwithstanding the moderate call from consumers.

Hemlock.—Not much demand was reported last week but the market tailed to weaken under the absence of a more lively request. The strength of prices here was caused, mainly, by small stocks and inability to secure normal shipments from the primary market.

Lavender.—Demand was routine in most respects and, on the whole, it was not very active during the past week. However, in keeping with the firm position of values at the source, spot quotations lacked settlement, remaining firm and well maintained in all respects.

Lemon.—Further change in prices has failed to develop but the market was unsettled by reason of the uncertainty concerning the probable movement of values in the future. Should all sanctions against Italy be raised, world consuming markets would again be open to the Italian product that, at the present time, can be sold almost solely to the United States. London has been a heavy buyer of Italion oil on ths market, the demand being for oil shipped from Italy prior to October 17, on which date sanctions went into effect.

Lemongrass. — Undertones were on the firmer side and the tendency seemed to be for prices to rise once surplus stocks on the spot be moved into consumption. Demand continued to be light throughout the past week.

Lime.—Business was quiet most of the time last week. Small quantities had a fair movement into consumption but larger needs appeared to be infrequently in the market here. Quotations were about steady but there was really nothing to cause a movement in values during the period under review.

Orange.—Prices seemed to be rather soft on the whole but they lacked open change on the spot market during the past week. Buyers seemed to be awaiting further developments in the foreign markets and the low prices prevailing on West Indian and African oil at the sources of supply have been reason for the belief that values would work lower. Also, Italian oil was expected to move downward because of a lack of world-wide markets for that item. Demand was light.

Pennyroyal.—Imported oil was up slightly to the basis of $1.35 to $1.45 per pound, prevailing over that range according to seller and quantity. The replacement position was said to warrant an even greater advance. Lack of much demand has kept the upward movement in check.

Peppermint.—Primary market conditions appeared to point to a steady gain in firmness of prices. While quotations were no higher, they were far less subject to shading when it came to the sale of oil testing 50 percent or more or menthol. Local conditions were quiet, demand being only for immediate requirements of buyers.

Spearmint.—This article was firmer at the source and while spot quotations were no higher, there was some tendency to raise them in certain quarters. Demand was moderate to light throughout the period.

Sassafras.—Artificial oil was at least temporarily firmer because of the uncertainty concerning the future shipments of raw material and manufactured product from Japan, in which country military rule supplanted civil administration of affairs early last week. The market was very steady throughout the period on spot.

Spruce.—Replenishment of the much reduced spot stocks of this oil was still virtually impossible as the producers were unable to operate the stills in the primary markets where deep snows and frozen water has stopped all operations. The spot market was naturally very firm.

Aromatic Chemicals

Amylphenyl Acetate.—Inquiries were somewhat routine in character but on the whole trade in the item was about normal in volume and the market as a whole continued to have a firm undertone in the absence of disturbing conditions that might affect values.

Anethol.—Competition was fairly active but the market was actually pointed toward firmer position if for no other reason than that a pronounced scarcity of raw material forced a substantial rise in quotations on the same. Anethol lacked change in price. Movement was fairly good.

Anisic Aldehyde.—Raw material was scarcer as to supply and higher as to price. The two conditions failed to affect the quotations on anisic aldehyde but the market was firmer and there seemed to be somewhat more than the recent tendency toward higher levels.

Citral.—The market was steady but not especially active. Prices were well maintained in all respects. Buyers were disposed to purchase rather close to their immediate requirements. Stocks seemed to be plentiful.

Eugenol.—The high stable price prevailing on raw material for some time past was unabated and hence quotations on eugenol remained very steady throughout the past week. Demand was somewhat irregular, being mainly on jobbing account according to most sellers.

Geranyl Propionate.—The high cost of this article was very firm and buyers were conservative in the quantities taken during the past week. The firmness of values was attributed to the well maintained cost to produce the material.

Heliotropine.—Fairly good request prevailed locally but on the whole the market lacked any sign of important improvement in the movement into manufacturing circles. Quotations remained very steady and the undertone was still firm in all respects.

Linalyl Acetate. — The price for 70 percent material held at $1.50 per pound while for 92 percent goods, the market was at least $2.25 per pound. A steady movement into consumption was reported but quantities required were no more than normal in size.

Menthol. — Synthetic menthol appeared likely to assume a more prominent position in the consuming field for natural menthol after June 1, on which date synthetic menthol may be labeled U.S.P. if it conforms to the specifications laid down in the new pharmacopoeia. Two varieties of synthetic menthol are being manufactured here now, one being strictly U.S.P. and the other being below U.S.P. specifications but finding an excellent consumption field in quarters where U.S.P. goods are not required.

Musk.—No further change in prices has developed as yet but the feeling is that there may be additional reductions in prices should the lowering of the duty result in an inflow of cheaper foreign material onto this market. The domestic producers are frank in stating that they do not intend to loose their market and condemn the policy which, by lowering the duty, has placed in jeopardy an infant domestic industry into which substantial sums of money have been poured already.

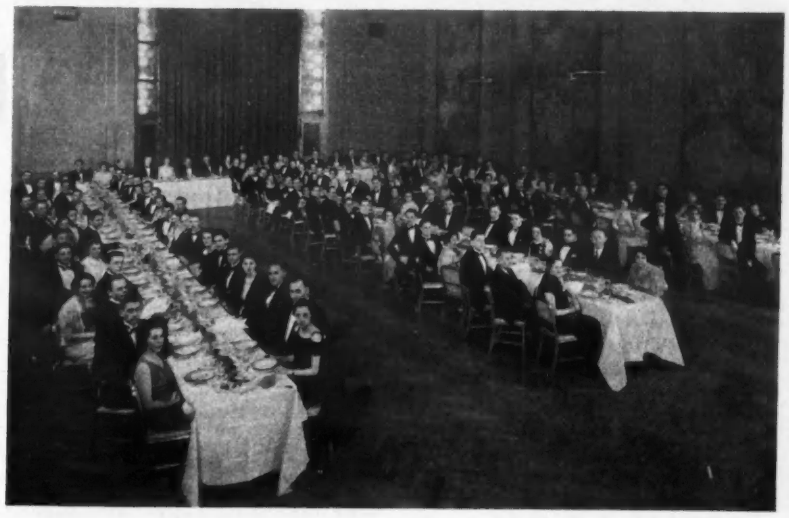
Fritzsche Bros. Host to Employees' Dinner Dance

The annual dinner and dance of the employees of Fritzsche Brothers, Inc., essential oil and aromatic chemical merchant, this city, was held February 21, in the grand ball room of the Hotel New Yorker. One hundred and fifty employees in the New York office of the company were guests of its officers and executives.

In a brief but highly cordial address, F. H. Leonhardt, president of the company, welcomed those gathered. Appreciation of the employees then took the form of a hearty toast to the president of the concern, following which toasts were tendered the ladies present.

These events ended what might be called the formal side of the evening. From then until three in the morning, dining and dancing held sway and especially fine music was provided by an excellent eight piece orchestra. It had been planned to end the evening at one o'clock in the morning but so high ran the spirits of the company and so joyous was the occasion that "Home, Sweet Home" was not played until two hours later.

The annual gathering of the employees and officers of Fritzsche Brothers is an event that has aided greatly in creating the esprit de corps so notable in that company. The gathering this year was acclaimed as the most enjoyable evening ever held by the company during the sixty-five years of its existence.



Fritzsche Bros. Employees at Annual Dinner

Drug Products Founds Fellowship in Cystine

The Drug Products Company, Long Island city, N. Y., has established a one-year fellowship at Georgetown University, Washington, for the purpose of studying the possibility of shortening the time necessary for the determination of cystine in finger nails and blood by the Sullivan cystine procedure.

In 1932 Dr. M. X. Sullivan, director of the Chemo-Medical Research Laboratory at the university, and his associates, first found that the cystine content of the finger nails in an arthritic patient was notably less than the average and normal person (8.87 percent compared with the normal average of 12 percent.

Working with over 100 more or less chronic cases, Sullivan and Hess concluded in 1934 that in the majority of cases the cystine content of the finger nail clippings was below normal, a finding which seems to imply an intoxication factor which draws on the sulphur complexes and thus diverts the sulphur from its normal channels which would lead to a finger nail containing at least 11 percent cystine.

Henry P. Bristol, president and a director of the Bristol-Myers Company, has been made a member of the board of the East River Savings Bank, to fill the vacancy created by the death of Charles A. O'Donohue.

ANACONDA
PHARMACEUTICAL (U.S.P.)
ZINC OXIDE
MADE FROM ELECTROLYTIC ZINC
99.99+% PURE
ANACONDA
from mine to consumer
INTERNATIONAL SMELTING AND REFINING COMPANY
Zinc Oxide Department
EAST CHICAGO, INDIANA
AKRON, OHIO NEW YORK CITY
WAREHOUSE STOCKS LOCATED IN PRINCIPAL CITIES

WE SCOUR THE EARTH TO GIVE YOU THE BEST
IMITATION OILS
LEMON LIMES ORANGE
are the happy solution to the problem resulting from high cost natural oils. Our corresponding IMITATION OILS are strictly comparable to them in strength and general physical properties. Produce remarkably true-to-nature effect.
Write for samples
FRITZSCHE Brothers, inc.
816 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N.Y.
118 WEST OHIO ST. CHICAGO, ILL.

make— quality
AMYL BUTYRATE NORTHWESTERN
This ester is made from start to finish with one idea in mind—that it be perfect for flavoring and perfumery uses.
INCORPORATED 1882
The Northwestern Chemical Company
The Largest Makers of Butyric Ether in the World
WAUWATOSA WISCONSIN

Petroleum Solvents, Lubricants, Fuels

Industrial Products Hold Steady — Demands Are Light — Gasoline Weakens in Mid-West — California Crude Oil Prices Raised at Some Fields—Crude Runs Up

Petroleum raw materials for industry passed through a mildly active trading week and without important shift in price. Revised prices for petroleum spirits in the Rochester and Binghamton, N. Y., tankwagon areas provided the market for petroleum solvents and naphthas with its only changes. Bulk markets at the Midcontinent and East Coast refinery points were quite firm, although demand was limited. The West Coast market for solvents was unaffected by the increase in crude oil prices posted by a leading buyer. The group of liquefied petroleum gases was also without further shift since the revision of prices for industrial grades of propane, which was reported here a week ago. Importers of Russian mineral oil continue disposed toward higher prices, but have not altered the recently reduced schedule as yet. According to the latest indications, the market stands a good chance of recovering half of its recent loss during the fore part of this week, probably today. Waxes continued strong and scarce.

Weakening gasoline prices at middle Western markets results from poor consumption during the prolonged cold spell. Better weather during the middle of the week, however, enabled some of the Midcontinent refiners to work off stocks for the first time in several weeks. Kerosene and heating oils continue as the pace makers for the market.

Higher prices were posted for some California crudes last week. Increased prices were granted by a leading buyer as a reward to operators in those fields where production had been cut down to the limits suggested by this buyer some weeks ago when the exchange offer of higher prices for lower production was first made. The new base price in California is Signal Hill 27 gravity, which is now posted at $1.10 per barrel, an increase of 20c. per barrel. No increases were made at Alamitos Heights, Huntington Beach, Playa del Rey, Dominguez, Santa Fe Springs, Kern Front, Elk Hills, and the Lakeview area of Midway Sunset.

Daily average production of crude oil in United States for the week ended February 22 was 2,779,200 barrels, an increase of 4,950 barrels over the preceding week's average of 2,774,250 barrels, according to the American Petroleum Institute's estimate, which omits any oil that might have been produced surreptitiously. The daily average for four weeks ended February 22 was 2,783,200 barrels, and the average at this time a year ago was 2,536,200 barrels. The runs of crude oil to stills during the week ended February 22 were reported at 2,656,000 barrels for 76.6 percent of refinery operation, and, according to the American Petroleum Institute, 194,000 barrels additional were run through stills for a total of 2,850,000 barrels, against 2,765,000 barrels in the preceding week. Total stocks of crude oil on hand February 15 were 311,148,000 barrels, against 312,359,000 barrels during the preceding week, according to the Bureau of Mines.

Solvents and Diluents

Petroleum solvents and naphthas continued in light demands during the past week. There was a sufficiently active movement to hold the price free from disturbance but there was no snap in the trading. The East Coast bulk markets were held at the advanced prices established on the first of last month. The only changes reported in the tankwagon price structure took place in the market for petroleum thinners at Binghamton and Rochester, N. Y.

Cleaners' Naphthas. — The demand side of the market was not more than moderately active during the past week. Prices were held at an even keel with Midcontinent producers offering tankcars at 7⅜c. to 7½c. per gallon, basis Group 3.

Lacquer Diluents. — Lacquer manufacturers' takings were mildly active as the Midcontinent market held free from the weakening influences of a soft gasoline market. The prices named for tankcars were 6⅜c. to 6½c. per gallon, basis Group 3. Total lacquer sales by 158 manufacturers in 1935 were 37,769,536 gallons, valued at $49,231,768, according to the Bureau of Census.

Petroleum Thinners. — Tankwagon prices in the Binghamton, N. Y., area have been revised and marketers now quote 16c. per gallon with a 2c. per gallon discount to large accounts; tankwagon prices at Rochester were reduced 1c. to the basis of 13c. per gallon for tank wagons, 16c. for less than 150 gallons and 21c. for less than 20 gallons. The bulk markets are firm both at the Midcontinent and local refinery points.

Rubber Solvents.—Labor difficulties continue in the Akron area and ordering of raw materials by the tire makers has undergone a sizeable diminishment. Prices for light and heavy grades of solvent continue unchanged.

Stoddard Solvent.—In company with other solvents, the demand side of the market was mildly active and the price situation remained in a steady position. Quotations at the Midcontinent were held at 6⅞c. to 7c. per gallon for tankcar lots.

V. M. & P. Naphthas.—Conditions surrounding the local market were similar to those of a week ago. Demands continue rather light but the prices hold at the advances made at the beginning of last month. Midcontinent refiners continue to quote unchanged prices and the market in the Southwest has not been affected by the softness in gasoline.

Markets at Other Centers

Tulsa, Feb. 27.—There is no change in petroleum solvents this week and shipments on a high level still continue, although the demand now is somewhat lower than it was in the earlier part of the week.

Chicago, Feb. 27.—A generally firm and steady market prevails in the petroleum diluents and solvents. Buying shows no particular trend, and the volume of material moving to purchasers is showing every tendency to hold its own. Inquiry as to fairly good sized lots of material have been received from some buying industries. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 5c. to 5½c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c., tankwagon; V. M. & P. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Lighter Fractions

Prices for light gaseous solvents continue steady and have been unchanged since the shift in prices for industrial grades of propane reported here a week ago. The propane schedule has been changed at both ends of the market's range with low prices available in certain delivery areas. Other materials in this division hold at the price levels that have been in force for several months.

Butanes.—The market continues in characteristic fashion with quotations unchanged. Sellers ask 2¼c. to 3¾c. per gallon for 16-34 degree material testing up to N. G. A. specifications, for tankcars f.o.b. Group 3, according to the number of cars used per month.

Hexane.—There were no new or important developments in the market and quotations at the Midcontinent produciang points remained the same as they have been for some time back.

Petroleum Ether.—As reported here last week prices hold an unchanged position except in the quotations for 30-60 degree ether in drums, now posted at 17c. per gallon against 16c. per gallon formerly. These prices are basis Group 3.

Propane.—The producers now quote 1½c. per gallon for tankcar shipment to some areas and up to 4¾c. per gallon for other deliveries. The prices are basis Group 3 and were reported here as having been revised a week ago.

Petrolatums and Waxes

White Mineral Oils.—The Russian oil market remains as it was a week ago. Sellers are still supplying oil at the recently reduced price basis but some negotiations are under way at 2c. per gallon over the present market and there is a distinct leaning toward higher figures. According to the latest indications, the market is to advance 2c. per gallon today (Monday). For the past two weeks importers have been disposed toward recovering at least half of the recent price loss but the quiet on the buying side of the market has handicapped recovery of the price. Domestic oils continue unchanged.

Paraffin Waxes.—The inventory position of the scale wax market is tighter than it has been for some time and while the demands were rather mild last week, the shortage of supply held the market firmly at 2½c. to 2.55c. per pound. Sales were made at 2½c. last week. Several refiners are out of the market because of lack of supplies and some of those interests whose present views should be impartial say that the scale market will likely climb another ¼c. per pound during the next few weeks. The fully refined waxes are in a very firm position, particularly the low melting point waxes, but marketers say there is no immediate prospect of a change in price. Other sellers say that higher refined wax prices may be seen later this month.

TULSA, Feb. 27.—The tone of the paraffin wax market is still one of strength as orders pour into the field and refiners are unable to fill them due to production for the next two weeks being well booked up.

CHICAGO, Feb. 27.—Tone of the paraffin wax market is extremely strong, with related markets moving upward. Buying has been of a good volume and has been coming from varied sources. Stocks have been declining steadily for some time. General market tone is healthy. Ruling prices are:—122-124, 4.56c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

Petrolatum.—Prices hold in a firm way at the levels that the sellers have been quoting for many months past. There is no further mention of a possible rise in the price although business, particularly export trade, is very good.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	Jan. 1-Feb. 29 1936	Jan. 1-Feb. 29 1935
Commercial crude oil production	167,353,000	150,079,000
	Week ended Feb. 29, 1936	Week ended Feb. 30, 1935
Daily average production	2,770,800	2,553,700
	Week ended Feb. 22, 1936	Week ended Feb. 15, 1936
Estimated motor fuel stock total	69,353,000	67,465,000
Estimated finished motor fuel stocks at refineries	42,938,000	40,587,000

Fuels and Lubricants

The weather played the major role in the past week's market for refinery products. A few days of milder weather had a livening effect on the movement of gasoline into jobbing hands and had a dulling effect upon the demands for kerosene. The return of lower temperatures on Friday, however, reversed the call for gasoline and kerosene and returned both to the status they occupied for the past several weeks. Gasoline prices here do not show any effect from the weakening at other points. Pennsylvania cylinder stocks were higher again last week.

Tankwagon Price Changes

NEW YORK CITY.—Retail gasoline prices advanced ½c. per gallon in Greater New York, February 24. The retail price is now 19.2c. per gallon, including taxes. Certain areas are selling below this figure, particularly in Brooklyn.

Market Conditions

Gasoline.—The local market held firm and was not openly influenced by the appearance of weakness at other refinery points. The mid-West refinery market is the weakest point where the prolonged cold spell has cut consumption below Winter normal. Movement out of local refineries was a little faster during the week, but the thaw ended as the week drew to a close, and Friday business was not very active. The prices continue at 6¾c. per gallon for U. S. motor, 62-63 octane; 7c. per gallon for U. S. motor, 65 octane, and 7.55c. per gallon for branded qualities, all basis refinery. Higher retail price in the Greater New York area held the bulk market under stability. The export market at the U. S. Gulf was also without change during the week, and quotations are as follows:—U. S. motor, 5½c. per gallon; 60-62, 400 e.p., 5½c. to 5⅝c. per gallon; 60-62, 390 e.p., 5⅝c. to 5¾c. per gallon, and 64-66, 375 e.p., 5¾c. to 6c. per gallon.

Kerosene.—The market continues to show strength, and the movement of stocks out of the refinery points is well proportioned. Milder weather during the middle of the week cut into the demands, but colder temperatures returned as the week drew to a close.

The State of the Petroleum Market

Crude oil prices at California fields were raised last week. Frannie (light), a Wyoming crude, was reduced. Gasoline strengthened after early weakness at the Midcontinent. Retail gasoline prices were unchanged.

	Feb. 28	Feb. 21	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.296	$1.252	$1.177
Gasoline prices at refineries (at four refining centers), per gallon	.0553125	.0553125	.04
Gasoline prices at service station (average for ten marketing centers —including tax) per gallon	.1907	.1907	.1776

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 4

METHALATE C
A POWERFUL, LOW-PRICED AROMATIC CONCENTRATE
For replacing Methyl Salicylate in technical processes. Used in soaps, sprays, insecticides of all kinds, glues, etc.
HIGHLY EFFECTIVE—MOST ECONOMICAL
Write to Dept. O-361 for special circular covering its properties, uses and applications.
FRITZSCHE Brothers, inc.
816 WEST 8TH STREET LOS ANGELES, CAL. PORT AUTHORITY COMMERCE BLDG.
Proprietors of PARFUMERIES de SEILLANS Seillans, France 76 NINTH AVENUE, NEW YORK, N. Y.
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada 118 WEST OHIO ST. CHICAGO, ILL.

Outputs and Quotas

A comparison of suggested crude oil production for February as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended February 22, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	483,700	523,800
Kansas	137,400	141,600
Texas	1,068,200	1,077,150
Louisiana	141,100	194,100
Arkansas	29,900	29,450
Eastern (not including Michigan)	102,000	100,750
Michigan	44,800	35,900
Wyoming	34,400	31,050
Montana	11,900	12,250
Colorado	3,800	3,950
New Mexico	61,300	57,100
California	529,600	572,100
Totals	2,648,100	2,779,200

The prices continue at 5¼c. to 5½c. per gallon for 41-43 water white material in tankcars, f.o.b. refinery. The export market continues at 3⅞c. per gallon for prime white and 4¼c. per gallon for water white.

Fuel and Gas Oils.—Domestic heating oils continued in a firm position. There was a lively demand for supplies, but trade was not so rushing as it had been for the previous six or seven weeks. Midcontinent refiners are short and prices there are strong. Bunker oil remains unchanged here and the price of Diesel oil continues at $1.65 per barrel.

Lubricating Oils.—The Pennsylvania cylinder oil market advanced another ¼c. per gallon last week. Prices are now a full cent over their quoted position at the middle of February, and are as follows:—600 s.r., 15c. per gallon; 635 s.r., 16¼c. per gallon; 650 s.r., 17c.; 600 flash, 17¼c.; 630 flash, 22½c., and Warren E, 18c. per gallon. Bright stocks and cylinder oils were unchanged throughout.

Gasoline and Crude Oil Futures

	Gasoline. Per gallon B Contract. Open. Feb. 24.	Close. Feb. 28.	Crude Oil. Per barrel No. 2 Contract. Open. Feb. 24.	Close. Feb. 29.
Feb.	4.75c.	4.75c.	$1.11	$1.11
March	4.85c.	4.85c.	1.11	1.11
April	4.95c.	4.96c.	1.11	1.11
May	5.05c.	5.06c.	1.11	1.11
June	5.15c.	5.15c.	1.11	1.11
July	5.25c.	5.25c.	1.11	1.11
Aug.	5.35c.	5.35c.	1.11	1.11
Sept.	5.45c.	5.45c.	1.11	1.11
Oct.	5.55c.	5.55c.	1.11	1.11
Nov.	5.65c.	5.66c.	1.11	1.11
Dec.	5.75c.	5.75c.	1.11	1.11
Jan.	5.85c.	5.85c.	1.11	1.11

Sales:—None.

Crude Oil Price Changes

California

Crude oil prices at certain California fields were raised February 26 by the Standard Oil Company of California as a reward to operators who had reduced output.

Markets at Other Centers

Tulsa, Feb. 27.—An approach to a more normal market is being witnessed in the Midcontinent refinery areas. The subsidence of the extreme cold in the middle and north central west is enabling refiners to catch up with their shipping instructions as a lull in the demand for burning oils is apparent. The placing of inquiries for gasoline is also noticeable this week although they are on a very moderate level as motoring is being resumed on normal proportions only in the southwest thus far.

In this quieting down of trading, however, kerosene is emerging as the leader of the price in advance. This week one of the refiners crossed the 4c. level for the first time in several years and is quoting 4¼c. for the 42-44 grades. This product is in the strongest position of many years due to the smaller production during the past 60 days because of the abnormal demand for burning oils. Inquiries are coming in ahead of the usual seasonal demand for the product and tightness is expected through the entire Spring plowing season.

Refiners report a very satisfactory demand in practically every product and industrial fuels which have been very sluggish are also approaching a more active trading level. The gasoline movement is the only one which has really been sub-normal during the week.

GASOLINE (Refinery).—The quotations in the resale market after sagging during the past three weeks appear to have reached a resting place and concessions for the U. S. Motor were not obtainable below last week prices. For resale the Motor and the 400, and point grades were being traded at 4⅜c. per gallon with a few sales at 4⅝c. per gallon while the middle octane ranged from 5¼c. to 5½c. for resale and in the trade and the high octanes from 5⅞c. to 6¼c. It was the consensus of opinion that an improvement in the tone would be found in the coming weeks although the volume of business for the next week is still expected to be restricted.

NATURAL GASOLINE.—Affected by the slowness of the refinery gasoline market these products have been quiet and prices moved lower. The 26-70 grade is now 3¼c. per gallon in Oklahoma and Texas, of ¼c. since Monday and ¾c. within the past 10 days, some demand was noted for stabilized grades, principally the 18-pound material.

DISTILLATES.—Despite the lull in demand these products are still extremely difficult to buy due to refiners production being previously booked by the abnormal demand of the past few weeks. So many orders were not filled that buyers are willing to accept deferred shipments on their orders of a week or 10 days ago. Quotations, however are unchanged and although a further decreasing level of business is expected as the temperatures rise, it is not expected by the best informed refiners that a lowering of quotations will develop immediately as it seasonally does due to lack of inventories in the fields. The various grade are quoted from 3½c. or 3⅝c. a gallon for resale to 3⅞c. to the trade.

KEROSENE.—One of the refiners this week raised 42 prime white grade to 4⅛c. per gallon. This market is very tight and in the resale market purchases of the low grades are being effected at 3⅞c. to 4c. with an ⅛c. concession on the lower grade. Most of the refiners are still quoting 4c. on the top grade. The demand for tractor distillates continues on a high level and the farm demand demand is expected within the coming weeks.

FUEL OILS.—The low gravity and high viscosity products are still dragging but there are indications that demand is developing. The 5 to 10 degrees products are variously quoted 60c. to 70c. a barrel while the 11 to 14 degrees are quoted at 70c. to 75c. The 24-28 degree grades of zero are 95c. to $1.00 per barrel.

LUBRICATING OILS.—The demand for these products continue on a high level shipments are being freely made. Quotations this week are unchanged.

Chicago, Feb. 27.—Continued softening of the gasoline market and firmness in fuels have been featuring the general petroleum products market here in the last few days. Although road conditions have improved to some extent, they are far from being favorable to gasoline consumption. Offerings have been increasing to some extent while the purchases have been limited. At the same time kerosene has been steadily increasing in strength and edging upward in price. Some are predicting an extremely strong kerosene market this Spring and buying already has been good. The call for fuel oils is still active and brisk, with heavy industries, railroads and domestic consumers taking large quantitiecs of material. Lubricants are strong and in demand.

GASOLINE.—Low octane motor, 4⅞c. to 5c. per gallon; middle octane motor, 5¾c. to 6c.; high octane motor, 6c., nom.; 60-62, 400, 4⅞c. to 5c.; 64-66, 390, 5c. to 5¼c.; 64-66, 375, 5⅛c. to 5¼c.; 68-70, 360, 5¼c.

KEROSENE.—42-44, water white, 4c. to 4⅛c. per gallon; 41-43, water white, 3⅝c. to 4c.

FURNACE OILS.—No. 1 white, 3¾c. to 3¾c. per gallon; No. 1 straw, 3½c. to 3¾c.; No. 1 straw, 3⅜c. to 3½c.; No. 2 dark, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c.

FUEL OILS.—No. 3, 3⅛c. to 3⅜c. per gallon; No. 3, high cold test, 2⅝c. to 2½c.; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 67½c.

New Orleans, Feb. 25.—With but two exceptions, the domestic market continued to hold its own during the past week, with no change in previous quotations. Foreign inquiries continued normal while exports were fair. The price of U. S. motor gasoline dropped ½c. being quoted at 6½c. per gallon at refinery. 65-70 octane reflected the same drop, the current quotation being 7¼c. per gallon at refinery.

Kerosene continued firm at 6c. per gallon at refinery.

Bunker C fuel oil continued in good demand at a price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. The demand was also good on this grade on the part of industrial plants at the unchanged price of $1.05 per barrel, delivered.

Oils, Fats and Waxes

(Continued from page 43)

Fats and Greases

Grease.—The tone continued easy in the absence of any broadening of trade, buying interest generally being limited to comparatively small quantities to fill current needs. Quotations on most grades were reduced ⅛c. to ¼c. per pound.

Lard.—The market for cash product had an easy tone as the trend of futures in the West was downward at times. Changes in quotations, however, were not very wide. There was a somewhat better inquiry. Lard compound was advanced ¼c. per pound by makers. The movement of hogs to Western markets was moderate.

Stearin.—Conditions remained about as noted in the previous week, trade being rather quiet with offerings light. The market was steady.

Tallow.—The market remained in an easy position. The trend of some other commodities was still downward and buying interest was generally limited to comparatively small quantities, large consumers in many instances being inclined to hold off for further developments. Business was reported to have been closed at 6 to 6⅛c. per pound for extra, showing a further decline of ⅛c. to ¼c. per pound.

At an auction of tallow in London on Wednesday offerings were 466 casks, of which only 33 were taken. Mutton sold at 33s. to 33s. 6d. to 37s. per hundredweight; beef, 29s. 6d. to 32s.; good mixed, 27s. to 29s. Offerings of foreign tallow here were light through the week. Western markets were quiet and easy with 6½c. per pound regarded as a nominal quotation for prime packers grade, mid-Western points. Copra was firmer in domestic and foreign markets with reports current of purchases in the primary market for European account at about 15 cents per 100 pounds above the price prevailing in domestic markets.

Following is a record of the market for tallow futures on the New York Produce Exchange from February 22 to February 28, inclusive:—

	Cents per lb, in tanks— High.	Low.	Close.	Sales, Tanks.
March	....	....	5.80@ 6.20	..
April	....	....	5.80@ 6.20	..
May	....	....	6.00@ 6.20	..
June	....	....	5.80@ 6.10	..
July	....	....	5.80@ 6.10	..
Total sales				...

Markets at Other Centers

Chicago, Feb. 28.—Declines in the cash lard market price structure have been interspersed at times with moderate rallies, but recently the trend has been downward in price. The buying has been not exceptionally large. Statistics tend to run toward expanded supplies, it appears, and hog receipts once more are running ahead of a year earlier in some cases.

The range of lard quotations from the opening Monday, February 24, to the close Friday, February 28, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.62	$10.75	$10.62	$10.70	$10.62
May	10.67	10.87	10.40	10.80	10.62
July	10.43	10.85	10.32	10.80	10.55

TALLOWS (tierces).—Edible, 7c. to 7¼c. per pound; prime, 6¼c. to 6⅜c.; fancy, 6¼c. to 6½c.; prime renderers', 6c. to 6¼c.; No. 1, 5½c. to 5¾c.; B country, 4½c. to 5c.

GREASES (tierces). — Choice white, 6½c. to 7c. per pound; A white, 6¼c. to 6⅜c.; B white, 5¾c. to 6c.; yellow, 10-15, 5¼c. to 5½c.; yellow, 16-20, 5⅛c. to 5¼c.; brown, 5c. to 5⅛c.

STEARINS (barrels).—Prime oleo, 8c. to 8½c. per pound; lard, 8c. to 8½c.; A white grease, 6½c. to 6¾c.; A white grease, export, 7¼c. to 7½c.; yellow grease, 5½c. to 6c.; extra oleo stocks, 11½c. to 12c.; No. 2 stocks, 11c. to 11¼c. (Oleo stocks in car lots.)

Liverpool, Feb. 28.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	Jan. s. d.	May. s. d.	Sept. s. d.
Saturday	56 9	50 6	50 6	50 9
Monday	53 6	50 6	50 3	50 6
Tuesday	55 6	50 6	50 3	50 3
Wednesday	54 6	49 6	49 9	49 9
Thursday	54 6	49 9	49 9	.. ..
Friday	54 6	49 6	49 6	.. ..

Liverpool, Feb. 28.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine good mixed. s. d.
Saturday	29 0	28 3
Monday	29 0	28 3
Tuesday	29 0	28 3
Wednesday	29 0	28 3
Thursday	29 6	28 3
Friday	29 6	28 3

Fatty Acids

Red Oil.—The market retained a steady tone, quotations being maintained by producers at the levels prevailing in the previous week. There was a fair demand from local and other consumers with the purchasing limited to moderate lots.

Stearic Acid.—A further decline occurred in basic material but this was without effect upon stearic acid quotations which were held on the basis prevailing in the previous week. Business lacked snap but the call for moderate quantities to fill current needs was fair.

Markets at Other Centers

Chicago, Feb. 28.—Somewhat reactionary tendencies lately in certain of the basic raw materials has had a little sympathetic effect, with the result that the prices now ruling in the fatty acids market are in general somewhat below recently ruling levels.

FATTY ACIDS.—Corn oil, double distilled, 6c. to 6½c. per pound, tankcar; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c. per pound, tankcar, partly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 5½c. to 6c. per pound, tankcar; 6c. to 6½c., barrels, car lots; 6½c. to 7c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅜c. to 3⅝c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1¾c. to 2c.

STEARIC ACID.—Distilled, single press, 9c. to 10c. per pound; double press, 9½c. to 10½c.; triple press, 12¾c. to 13¾c.

RED OILS.—Distilled or saponified, drums included, 9½c. to 10½c.; barrels, 9⅝c. to 10⅝c.

Petroleum Output: December

Production of crude petroleum in December was 88,711,000 barrels, a daily average of 2,861,600 barrels, compared with 86,476,000 barrels for a daily average of 2,883,000 barrels in November, according to the Bureau of Mines. Preliminary estimates of crude oil production for 1935 indicate the output as having been 993,942,000 barrels, an increase of about 86,000,000 barrels over 1934, but slightly under the record of 1,007,323,000 barrels for 1929. Motor fuel production in December was 41,110,000 barrels against 40,461,000 barrels in November and the total for 1935 was 465,514,000 barrels against 423,801,000 barrels in the preceding year. The details of production, demand and stocks on hand for crude and refined petroleum products in December and comparative data for 1936 and 1934 follow:—

	Barrels— December.	November.	Jan.-Dec., 1935.	Jan.-Dec., 1934.
Crude petroleum—				
Total production	88,711,000	86,476,000	993,942,000	906,065,000
Daily average production	2,862,000	2,883,000	2,723,000	2,488,000
Foreign and domestic runs to stills	84,992,000	83,180,000	966,243,000	895,636,000
Pipeline, tankfarm and refinery stock	314,631,000	315,558,000	314,631,000	337,254,000
Motor fuel—				
Production	41,110,000	40,461,000	465,514,000	423,801,000
Domestic demand	33,734,000	35,956,000	432,556,000	407,106,000
Stocks on hand	50,647,000	46,295,000	50,647,000	48,205,000
Kerosene—				
Production	4,624,000	4,878,000	55,813,000	53,855,000
Domestic demand	5,081,000	4,724,000	47,652,000	44,284,000
Stocks on hand	7,915,000	8,879,000	7,915,000	6,398,000
Gas and fuel oils—				
Production	33,269,000	30,590,000	341,251,000	326,971,000
Stocks on hand	103,984,000	108,847,000	103,984,000	110,397,000
Lubricants—				
Production	2,484,000	2,453,000	27,771,000	26,373,000
Domestic demand	1,433,000	1,576,000	19,598,000	18,484,000
Stocks on hand	7,025,000	6,857,000	7,025,000	7,331,000
	Pounds—			
Wax—				
Production	40,320,000	41,720,000	459,240,000	468,720,000
Domestic demand	20,936,000	22,243,000	260,434,000	240,035,000
Stocks on hand	114,675,000	120,398,000	114,675,000	136,136,000

Waxes

Bees. — The market was advanced again. African was priced at 25c. to 26c. per pound and Brazilian as well as Chilean was noted at 26c. to 27c. per pound according to quantity. These advances in spot prices reflected the substantial strength that has governed primary market points for a number of weeks. Although as yet unchanged, the prices on bleached and refined beeswax appeared due to rise in the not far distant future because of the constant advance in prices paid for crude.

Candelilla.—The market was somewhat easier on the spot last week and quotations were shaded to the basis of 16c. to 17c. per pound according to quantity. The expected rise to 17c, therefore, has failed to materialize notwithstanding the fact that some dealers have paid the primary market prices that would entirely justify a spot market at 17c.

Carnauba. — Demand was sluggish. Large arrivals have provided many manufacturing consumers with needed stocks and hence they have withdrawn from the market for the time being at least. The result was an easier undertone generally on the spot and somewhat lower prices as well. Quotations prevailing late in the trading period were as follows:—No. 1 yellow, 1 ton lots, 45c. to 45½c. per pound; 5 bag lots, 45½c. to 46c.; 1 bag lots, 46c. to 46½c.; No. 2 yellow, 44c. to 45c. as to quantity; No. 2 North Country, 40½c. to 41c.; No. 3 North Country, and No. 3 Chalky, 1 ton lots, 35c. to 36c.; 5 bag lots, 35½c. to 36½c.; 1 bag lots, 36c. to 37c.; refined, 39½c. to 41c. Brazil continued to be an apparently firm market where unsolicited offerings were few and, also, where inquiries were often ignored.

Japan.—The establishment of martial law in Japan served to make some users of this wax consider the possibility of shipments being interrupted. The result was the booking of fairly substantial business in some quarters and a generally firmer market in all directions.

Linseed Oil Drawback Records Made Uniform

Uniform regulations covering drawback of duty on exported linseed oil, oilcake, and meal, made from imported flaxseed, have been promulgated by the Bureau of Customs and became effective February 13 upon printing in the weekly pamphlet, "Treasury Decisions."

It is explained that in the past each flaxseed crusher has used his own method of keeping records estimating drawback, some making the estimate on the basis of the by-products and waste, some on the main product, and some on the raw material. The new regulations require that all crushers must weigh the seed before crushing in order that the records may be uniform. Customs officials explain that this probably will not result in any change in the amount of drawback received by any crusher, but will permit inspectors to check the records more easily.

M. D. Craig, formerly secretary and treasurer of Murray Oil Products Co., Inc., is now associated with L. N. Jackson & Co., Inc., this city, importer of chinawood, perilla, oiticica and fish oils and varnish gums.

Fertilizer Materials

Sulphate of Ammonia and Nitrate of Soda Advanced $1 Per Ton—Sulphate Supplies Light and Shortage Looms for Spring — Weather Retards Season — Organics Dull

Sulphate of ammonia and nitrate of soda prices advanced last week providing the fertilizer chemicals market with its first sensational development in the past two months. The advance was wholly unexpected at this time. Of course, it had been freely predicted that sulphate would occupy a tight position when Spring demands reached the market, but an advance in price had not been looked for at this stage of the season. Sulphate was the first to move up and nitrate followed. Apparently the heavy exports of sulphate during recent months tightened the supply side of the market sooner than expected. Even at the advanced level the position of sulphate of ammonia is a tight one and seems headed for a shortage of stocks when Spring demands are presented. Nitrate's advance took place a day later than the sulphate boost and inasmuch as manufacturers who had not covered prior to the advance were given a quick opportunity to do so at the old price level, the nitrate rise may not mean so much for the balance of this season. The sulphate advance took effect immediately upon announcement and buyers who had not covered on Monday had to pay the higher prices. Cyanamid prices were held unchanged. Nitrogen solution was advanced, but no word has been heard about urea-ammonia liquor up to this writing.

Otherwise fertilizer chemicals were without market life. Soils in the deep South are too moist for breaking and the more Northerly markets are still several days away from ground preparation and planting. Last week's thaw did not cause much change in the attitude of buyers of mixed goods and a longer stretch of warm weather is needed before mixed goods will move. Price cutting is reported in the South and also in the Northern market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ammonia sulphate, $1 per ton.
Nitrogen solution, 4c. per unit.
Soda, nitrate, $1 per ton.

Reduced

None.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
58.4	57.7	57.7	57.5

Market news that may have developed after this report was sent to press will be found on page 2.

Ammoniates

Nitrate of Soda.—Following the advance in sulphate of ammonia prices, quotations for Chilean and domestic nitrate advanced $1 per ton on Tuesday morning. New prices for delivery through June are as follows:—bulk, $24.50 per ton; 200-pound bags, $25.80 per ton, and 100-pound bags, $26.50 per ton. The prices are for manufacturers and industrial buyers, ex vessel at the ports and/or f.o.b. seller's plant. The advance was quite unexpected in trade circles and represents the first mid-season change in prices for some time back.

Sulphate of Ammonia.—The price schedule advanced $1 per ton late Monday. The advance affected all delivery points except those on the West Coast. The new schedule is as folows:—barge lots at Sparrows Point, Md., and Brooklyn, N. Y., $24 per ton; car lots delivered in Illinois, Indiana, Michigan and Ohio, $23 per ton; f.o.b. cars Atlantic and Gulf ports, $25 per ton; f.o.b. Birmingham, Ala., ovens, $25 per ton, and f.o.b. Northern ovens, $23 per ton. For some time back observers of the market had predicated a tight situation for the Spring months. Apparently the heavy exports during the latter months of 1935 tightened the market much sooner than had been expected generally. The advance in price notwithstanding, sulphate is still tight and the market is likely to be short of supplies when the dry mixers and spot buyers present their demands. Some of these demands reached the market last week after the rise had been posted.

Cyanamid. — Prices for this article were unaffected by the boost in sulphate of ammonia and quotations remain at $1 per unit f.o.b. Atlantic ports and $1.07½ per unit f.o.b. Gulf ports or delivered interior points.

Dried Blood.—South American material for March shipment continued at $3 per unit with little interest shown. Domestic material in New York could be bought at the price paid at the latest sale—$3.20 per unit. The Chicago market remained at $3.25 per unit and shared the lack of interest reported in New York.

Fish Scrap.—Japanese sardine meal was oddly affected by the break in the yen following the political disturbance in Japan last week. Prices on meal for shipment from abroad were advanced to $37 per ton, c.i.f. Other Japanese merchandise moved down in price. The recent offerings on spot or nearby at around $35 to $35.50 per ton have been absorbed and there were no further offerings for this position. Nothing further has been heard on herring meal at the Chesapeake Bay. California sardine is quiet and the current prices are purely nominal.

Nitrogenous Material. — There has been no activity in this commodity recently. Imported material for shipment from abroad is quoted at $2.25 per unit nominal but it is reported that spot lots may be picked up at certain ports at a little less than this figure. The supplies at this basis, however, are small.

Tankage.—The market was lifeless last week. South American material was quoted at $3 to $3.10 and 10c. per unit-ton for shipment with no interest on the part of buyers. The New York and Chicago markets were also lacking in buying attention with quotations more or less nominal on the lack of trading.

Potashes

The character of the market was unchanged from a week ago. Spot demands have been delayed by weather conditions and even with the thaw of the past week, soils in the South are too moist to be broken and demands for spot for fill-in purposes likely will be delayed further. As reported previously, most of the buyers had covered comfortably at the discounts when they were available and the sale of potashes at list prices has been limited. Prices continue firm in all directions.

Phosphates

The market for materials included in this division has been very quiet. Superphosphate is not moving out of the producing points and, of course, there is no new business being placed at this time. Phosphate rock is unfeatured.

Bone Materials.—There is no interest in the market at this time. The domestic markets are lifeless at unchanged prices. Imported 3 and 50 continues at $23.25 per ton without any attention from usual takers and the 4½ and 50 raw bone is quoted at $27 to $28 per ton, with little offering.

Phosphate Rock.—There were no new developments during the past week. The market is unchanged in price and the trade is well covered on contracts, some of them for long periods ahead.

Superphosphate.—There has been no change in the situation here. New business is absent from the market at this time and the deliveries against the contracts that have been in force since the early part of this season are light and scattered.

Sulphur and Pyrites

As reported here in last week's issue, production of sulphur in Texas and Louisiana during 1935 totaled 1,627,096 tons, according to tax payments made to fiscal authorities in those states. Sulphur output in the current quarter of this year was termed as being up to that of the corresponding part of last year. Water deliveries have been handicapped by ice-jams and frozen harbors. Contract takings are moderately active.

Markets at Other Centers

Atlanta, Feb. 26.—Weather conditions have improved but as yet most of the soils of the South are too moist to break. Consequently the better weather has not yet had time to develop new interest in fertilizers. Dealers in materials report little change in the situation but are hopeful that a better break is soon coming.

Sulphate of ammonia and nitrate of soda advanced $1 per ton. No changes or prospective changes in other inorganic materials are reported. It is considered that due to the sluggishness of the market, it is remarkable that prices have not broken and the fact that sulphate of ammonia advanced is regarded is much more remarkable.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$10.82 per ton, interior producing points.
NITRATE OF SODA.—$24.50 per ton, port basis.
SULPHATE OF AMMONIA.—$25 per ton, port basis.
COTTONSEED MEAL.—$21.50 per ton, interior mills.
NITROGENOUS—$2.25 to $2.30 per unit, ports.
TANKAGE.—$2.65 and 10c., Chicago; S..A., port basis, $2.90 to $3 and 10.
BLOOD.—$3.25 per unit, Chicago; So.Am., $3, ports.
POTASH.—At producers schedules.

Baltimore, Feb. 26.—While the cold wave and the ice jam have been broken by mild weather, there has not yet been time for the crude fertilizer material trade to emerge from the stagnation that prevailed for two months. Quotations, largely nominal, are as follows:—

FISH SCRAP.—The only business done in unground menhaden scrap is at resale, with the movement very small. No change has taken place in the quotations on domestic fish meal, which stands at $41 per ton.

TANKAGE.—Buyers are asked to pay $2.90 and 10c. to $3 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—With no transactions to furnish an actual basis, this material has stiffened quotably, and sellers now ask $3.10 to $3.20 per unit-ton, c.a.f. basis Baltimore.

SUPERPHOSPHATE.—The market for this product is firmly held with the producers not disposed to make concessions.

NITRATE OF SODA.—Quotations were advanced $1 per ton on Tuesday.

GARBAGE TANKAGE.—Trading is absent, with prices at $3 10c. and 70c. to $3.10 10c. and 70c. per unit-ton, c.a.f. basis Baltimore.

SULPHATE OF AMMONIA.—Quotations moved up about $1 per ton last week.

BONE.—Sellers hold firm with $23 to $24 still quoted for 3 and 50 ground steamed and $24 to $25 per ton for 4½ and 50 ground raw stocks.

Chicago, Feb. 27.—A continued dull and rather featureless market is reported for various grades of fertilizer materials. Sellers report they have been having no extreme difficulty in obtaining their quoted prices of such materials as actually has been needed by the buyers, but these requirements are not reaching very heavy totals at present, and as a result the business is rather slack at present. Blood is in firm tone. Tankage is marking time, so far as changes are concerned. Bone materials have been slow and about unchanged.

BLOOD.—High grade, ground and unground, $3.25 to $3.40 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $3.25 to $3.40 and 10c.; 7 to 9 percent, $3.20 to $3.25 and 10c.

TANKAGE.—High grade, ground, $2.65 to $2.75 and 10c.; low grade tankage, $15 to $16 per ton, Middle West; liquid stick, $2.45 to $2.50; hoof meal, $2.50 to $2.55.

BONE MATERIALS.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $15 to $16; 3 and 50 percent, $17 to $18; 4½ and 50 percent, $20 to $22; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $23 to $25; pork cracklings, soft pressed, $55 to $60; beef cracklings, soft pressed, $50 to $55; hard pressed cracklings, per unit of protein, 75c. to 85c.

San Francisco, Feb. 24.—Further trading in the fertilizer business was of a light nature as last week went by. Offerings in the main showed no material change from the previous period. Supplies appeared none too plentiful, although on the other hand buyers are not at the present time faced with any particular scarcity of material. Rains were slowing up the movement of goods into consumption. In a way this had a tendency to curtail interest in the primary markets. Domestic sulphate of ammonia production in the local plant here apparently has picked up of late, as new offerings are now reported available on a commodity that a short time ago was off the market until June. Buyers report domestic sulphate available in fair quantity now for any position needed.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton, ex vessel San Francisco/Oakland; 200-pound bags, $26.80 per ton ex vessel San Francisco/Oakland; bulk lots are quoted at $25.50 per ton ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $28.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor and $30.50 per ton, delivered inland California points, except Imperial Valley and San Diego county. Latter points, $31.50.

SUPERPHOSPHATE.—Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles Harbor. Bags, 80c. to 85c. per unit. Foreign, 82c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal is quoted at $34 per ton, f.o.b. Monterey for prompt delivery. Quoted at $35 per ton, f.o.b. San Francisco and $35 San Pedro. Locally manufactured fish-scrap meal, 6½ N., 4 P.A., quoted at $22.50 per ton, f.o.b. cars, San Francisco. Japanese fish meal, $34.50 per ton, c.i.f. Pacific Coast.

TANKAGE.—Local packing house tankage, ground, quoted at $3.10 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. Argentine ground tankage quoted at $3.25 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic, ground, quoted at 80c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 75c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 percent and 70 percent, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic blood meal is quoted at $2.90 per unit, prompt shipment, f.o.b. cars, Los Angeles. Argentine blood meal is quoted at $3 c.i.f. Pacific Coast.

Chilean Nitrate Quotas Changed

To take care of seven additional members the Chilean Nitrate & Iodine Sales Corporation has made slight changes in the sales quotas for the 1935-36 season. The new concerns are Beeche & Munoz, Camina, Gianoli-Mustakis, Ossio & Ritchie, Gregorio Quiroga, Quiroga & Lema, and Salitrera Santa Rosa de Huara. In the two preceding years the quotas were as follows:—

	Percent.
Lautaro Nitrate Company	38.00574
Salitrera de Tarapaca y Antofagasta	31.03943
Salitrera Anglo-Chilena	26.07312
Astoreca y Urruticoechea	2.61648
Industrial y Salitrera Anita en Liquidacion	1.39785
Societe Nitratiere du Condor	0.78853
Marinkovic Hnos. & Cia	0.78853
De la Fuente, Gajo & Cia	0.64516
Salitrera Vuskovic & Cia	0.64516

Nitrogen fixation plant is proposed in Egypt. It would utilize power from the Assutan dam and would make nitrochalk, containing 15.5 percent of nitrogen. Imperial Chemical Industries, Ltd., is negotiating in the proposal.

DOMESTIC
SULPHATE OF AMMONIA AND AMMONIA LIQUOR
The Barrett Company
40 RECTOR ST. NEW YORK

COCOA MEAL (Foreign and Domestic)
COCOA CAKE COCOA SHELLS
SPENT FULLERS EARTH
THE DICKERSON COMPANY, 5th and Chestnut Sts., Philadelphia, Pa.

CRUDE SULPHUR
99½% Pure
TEXAS GULF SULPHUR COMPANY,
(INCORPORATED)
Office:
75 East 45th Street, New York City
Deposits and Plants:
Gulf, Newgulf and Long Point, Texas

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 4

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

Frank R. Gunn Company
Analytical and Consulting Chemists
OILS, FATS, WAXES, SOAPS, FLOUR AND FEEDS, FERTILIZERS
Ontario and Brabant Streets Philadelphia

Charles H. LaWall Joseph W. E. Harrisson
LAWALL AND HARRISSON
Analytical and Consulting Chemists
Pharmaceutical and Chemical Research. Process and Formula Development. Food, Drug and Water Analyses. Legal Testimony.
214 So. 12th Street, Philadelphia, Pa.

Pease Laboratories, Inc.
CHEMISTS SANITARIANS BACTERIOLOGISTS
ANALYSTS SCIENTIFIC LIBRARY SERVICE
MEDICAL ADVERTISING AND TECHNICAL CONSULTANTS
39 West 38th Street . . . . . New York

Est. 1865
W. S. Purdy Co., Inc.
ANALYTICAL AND CONSULTING CHEMISTS
Petroleum Oils, Waxes, Greases, Soaps, Fuel Oils, Coal
Phone Hanover 2-3773
128 Water Street New York City, N. Y.

Sadtler, Samuel P., & Son, Inc.
Research and Analytical Chemists
CHEMICAL ENGINEERS
Patent and Legal Testimony
210 South 13th Street.....Philadelphia, Pa.
"Nothing Pays Like Research"

Bureau of Chemistry
New York Produce Exchange
H. B. Trovillion, Ph. B., B. S.
2 Broadway New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Foods, Spices, Chemicals, etc.
Consultation—Research.

Crawford, Kenneth M.
Manufacturing and Consulting Chemist
Specializing in the development and manufacture of TECHNICAL EMULSIONS and COLLOIDAL DISPERSIONS for the coated paper, textile, leather, latex, etc., industries.
248 Middlesex Street, North Andover, Massachusetts.
Telephone Lawrence 30931

Specialists in Germicides and Antiseptics
F.D.A.—Rideal Walker—U. S. Hygienic Technique
DALARE ASSOCIATES
Research Dept. of the Dairy Laboratories
2309 Locust Street Philadelphia, Pa.

Ekroth Laboratories, Inc.
Since 1899
General Analytical
Industrial Chemical
Problems Bacteriological
Vitamin Assays and Biochemical Investigations
Foods, Processes, Products, Regulations
Chrysler Building, New York
Ekroth Building, Freeman and West Sts., Brooklyn, N. Y.

ANTI KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-975 Frelinghuysen Ave., Newark, N. J.
Telephone: Terrace 2-4030

Hochstadter Laboratories, Inc.
Chemical Analysts, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre 5-5360/5361.
254 West 31st Street New York

Knight & Clarke
50 E. 41st Street New York, N. Y.
OFFICIAL ANALYSTS
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.
American Gum Importers Assoc.
Accredited Shellac Laboratory U. S. Navy

Laning Company, E. M., Inc.
Consulting Chemists
Specializing in Perfume, Toilet Preparations, Pharmaceuticals and Flavors Exclusively. Formulae Perfected. Problems Solved. Plants Equipped.
488 Stuyvesant Ave. Irvington, N. J.
Phone, Terrace 3-3088.
E. M. Laning, B. Sc., President.
Robert C. Purcell, Phar. D., V.-Pres.

Miel, George A.
Analytical & Consulting Chemists
Specializing in the:
Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry. Consultation on Formulation and Processing of Paints, Varnishes and Shellacs.
128 Water Street HA 2-3772

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director.
Specialists in Leather and Allied Industries.
Consulting, Analytical and Research.
647 W. Virginia Street, Milwaukee, Wis.

Schwarz Laboratories, Inc.
Analysts, Biologists, Consultants
ESSENTIAL OILS, EDIBLE OILS, FOODS, BEVERAGES AND RELATED ITEMS
282 East 44th St., New York, N. Y.
Telephone: Murrayhill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. D., B. Sc.
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone Ashland 4-4348.
10 East 34th St. New York City

Snell, Inc., Foster D.
Chemists—Engineers
Every form of chemical service.
305 Washington St. Brooklyn, N. Y.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers.
130 Cedar Street New York

Vorce, L. D.
Chemical Engineer
Electrolytic Cells.
Chlorine, Caustic, Hydrogen.
28 Norman Road Montclair, N. J.
Telephone 2-4516

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing on analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

TREASURERS AND CREDIT MANAGERS

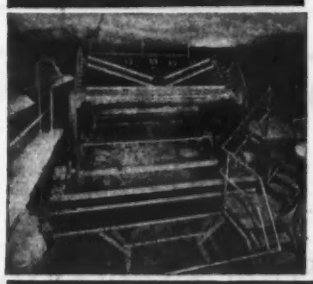
A dignified and thoroughly reliable organization specializing in the collection of delinquent accounts anywhere in the United States and Canada for producers and users of Chemicals and Related Materials.
A Surety Bond has been posted for the protection of our clients.

BERNARD & THORNER
"A Nation-Wide Collection Service"

Integrity Building, Philadelphia, Pa. Pennypacker 6484
Baltimore Life Building, Baltimore, Md. Plaza 2922
One La Salle Street, Chicago, Ill. State 6735
10 East 40th Street, New York City Ashland 4-7568

Eastern Tar Products Starts

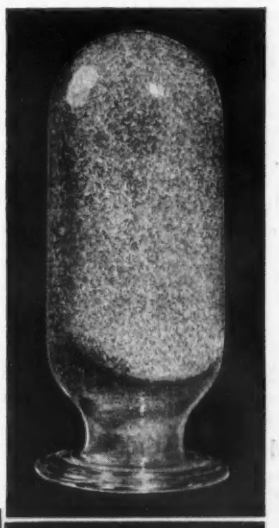
The Eastern Tar Products Corporation, recently incorporated under Maryland laws to manufacture road materials, creosote oil and other articles, has started running its plant at Westport, in the southwestern part of Baltimore. The company has entered into a long-term contract with the Consolidated Gas, Electric Light & Power Company of Baltimore to purchase the latter's entire output of crude tar to be used in its operations. The plant is of the most modern type, equipped with the latest mechanical appliances for distilling and processing tar materials. Grant Thorn is the president of the company, and his main office is at 603 Lexington building.



A new Refinery
A new Process

A NEW MURIATE!

At our recently completed refinery, we are now producing muriate with the same distinctive red color that characterizes our virgin salts . . . . proof that the rich plant food elements found in our potash deposits have been successfully retained, through our exclusive refining process, in our new red muriate.



POTASH COMPANY OF AMERICA
Baltimore Maryland

Fertilizer Production by Government Is Advocated

WASHINGTON, Feb. 27, 1936.

A bill directing the Federal government to manufacture fertilizer or fertilizer ingredients at government-owned property in and near Muscle Shoals, Ala., has been introduced by Representative B. Frank Whelchel of Georgia.

The bill, H.R. 11169, makes no mention of the Tennessee Valley Authority but simply directs the President to have fertilizer made at existing plants or new plants if necessary and sold to farmers at actual cost.

At the same time, in the house appropriations committee's public hearings on the agricultural appropriation bill, fertilizer experts of the Department of Agriculture testified that the wartime nitrate plants at Muscle Shoals are obsolete and probably never will be useful for fertilizer production. They explained that the Tennessee Valley Authority, which has jurisdiction over the government's property in that section, is not operating the nitrate plants but is experimenting in the production of concentrated superphosphate on a commercial scale from Tennessee deposits, and is distributing the product to farmers in the region for experiments in growing crops useful in fixing nitrogen and controlling erosion.

George A. Bratt has been elected president of the Griffith & Boyd Company, fertilizers, Baltimore, succeeding the late Charles H. Boyd. He has been with the company for thirty-six years and was vice-president during the past two years.

Imports, Exports, and Charters

All matter under this head fully protected by copyright

New York Imports

ACID, ACETIC—3 demj, 66 lbs, Deanna Levy, Black Condor, Rotterdam
CRESYLIC—32 dms, American Cyanamid & Chem Co, American Shipper, Manchester
47 dms, 22 tons, 6 cwt, 2 qtrs, 1 lb. Monsanto Chem Co, Scythia, Liverpool
25 dms, Liberty, Liverpool
HYDROFLUOSILICIC—120 crbys, 25,872 lbs, Hamburg, Hamburg
LINSEED OIL—100 bbls, 49,090 lbs, Wecoline Prod Co, Black Osprey, Rotterdam
5 dms, Black Condor, Rotterdam
SOYBEAN—4 bbls, Black Condor, Rotterdam
STEARIC—53 bgs, Beemsterdijk, Rotterdam
267 bgs, 20 tons, 13 cwt, 1 qtr, 23 lbs, Orbis Production Co, Scythia, Liverpool
SUNFLOWER SEED—2 bbls, Black Condor, Rotterdam
ADEPS LANAE—82 bbls, 15 tons, 10 cwt, 7 lbs, C Tennant Sons & Co, Scythia, Liverpool
AGAR AGAR—35 bls, Mitsui & Co, Azumasan, Kobe
10 bls, Wood & Selick, Hokuroku, Kobe
ALBUMEN, DUCK HEN—35 cs, Paul A Dunkel & Co, President Cleveland, Hankow
EGG, HEN—28 bbls, Consumers Import Co, Kongo, Kobe
ALCOHOL, DENATURED—300 dms, C Esteva, Coamo, San Juan
ALMOND MEAL—1 cs, Ungerer & Co, Ausonia, London
ALUMINUM LEAF—20 cs, Globe Shipping Co, Hamburg, Bremen
123 cs, Rohner, Gehrig & Co, Hamburg, Bremen
AMMONIA, CARBONATE—18 cs, 1 ton, 19 cwt, 1 qtr, 18 lbs, E R Squibb & Sons, Scythia, Liverpool
AMMONIAC SAL—150 cks, 37,470 lbs, Chase National Bank, Black Hawk, Antwerp
50 cs, 1 ton, 40 cwt, 1 qtr, 52 lbs, Solvay Sales Corp, Scytia, Liverpool
ANTIMONY, OXIDE—300 bgs, Wah Chang Trading Corp, President Cleveland, Shanghai
ARSENIC, WHITE — 20 bbls, 12,496 lbs, African Metal Corp, Black Hawk, Antwerp
91 bbls, American Smelting & Refg Co, Cauto, Tampico
ARTISTS MATERIAL — 4 cs, Gallagher & Ascher, Beemsterdijk, Rotterdam
4 cs, Winsor & Newton, American Merchant, London
ASPHALT, MINERAL—303 bgs, General Comi Co, Seatrain New York, Havana
BABASSU KERNELS—5,500 bgs, Franklin Baker Co, Dunstan, Parnahyba
17,866 bgs, Franklin Baker Co, Dunstan, Maranhan
BARON FLUORIDE—30 cyls, 7,161 lbs, Standard Oil Co of N J, Black Condor, Rotterdam
BAUXITE—2 cs, F L Smith, Ausonia, London
BELLADONNA LEAVES—27 bls, American Express Co, Ida, Susak
BONE MEAL—544 bgs, Ida, Trieste
BRISTLES—6 cs, Mitsui & Co, Azumasan, Kobe
5 cs, F H Cone & Co, Kongo, Kobe
100 cs, Bank of London, South America, Kongo, Kobe
14 cs, Guaranty Trust Co, Kongo, Kobe
8 cs, Globe Shipping Co, Hamburg, Hamburg
3 cs, M Broverman & Son, Ausonia, Southampton
33 cs, J H Schroeder Banking Corp, American Merchant, London
12 cs, Chesnut, Cooper & Co, American Merchant, London
48 cs, American Merchant, London
11 cs, 1 ck, Continental Bank & Trust Co, Aquitania, Southampton
7 cs, F H Cone & Co, President Cleveland, Shanghai
18 cs, F H Cone & Co, President Cleveland, Kobe
10 cs, N Wagman Co, Hokuroku, Shanghai
50 cs, Irving Trust Co, Hokuroku, Shanghai
50 cs, F W Von Stade, Hokuroku, Hankow
7 cs, F W Von Stade, Hokuroku, Kobe
148 cs, N Wagman Co, Hokuroku, Tientsin
25 cs, F H Cone & Co, Hokuroku, Shanghai
25 cs, F H Cone & Co, Hokuroku, Hankow
BUCHU LEAVES—10 cs, Aquitania, Southampton
CALCIUM TARTRATE—292 bgs, Tartar Chem Works, Examiner, Algiers
CAMPHOR, REF'D—275 cs, Mitsui & Co, Azumasan, Kobe
CANARY SEED—1,369 bgs, A G Dunn, Eastern Prince, Buenos Aires
482 bgs, Levy & Levis Co, Eastern Prince, Buenos Aires
CARAWAY SEED—100 bgs, 11,000 lbs, R L Friedler, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, O Gerdau Co, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, Black Diamond Seed Corp, Beemsterdijk, Rotterdam
CARBON, DECOLORIZING—6 dms, 587 lbs, L A Salomon & Bros, Black Osprey, Rotterdam
50 bgs, R W Greeff & Co, Beemsterdijk, Rotterdam
CARDAMOM—10 cs, City of Mobile, Colombo
47 cs, Volkart Bros, City of Mobile, Port Said
10 cs, Kachurin Drug Co, City of Mobile, Port Said
79 cs, City of Mobile, Port Said
21 cs, American Merchant, London
5 cs, I Harrison & Whitney, President Wilson, Tuticorin
5 cs, President Wilson, Tuticorin
CASEIN — 417 bgs, American Cyanamid & Chem Co, Eastern Prince, Buenos Aires
CASHEW SHELL LIQUID—53 bbls, President Wilson, Mangalore
CASSIA—100 bls, Hudson Tea & Spice Co, President Cleveland, Canton
10 bls, G T German, President Cleveland, Canton
335 bls, H P Winter & Co, Kota Baroe, Padang
168 pkge, H P Winter & Co, Kota Baroe, Padang
268 bls, Kota Baroe, Padang
VERA—200 bls, Catz American Co, Maron, Padang
CASTOR BEANS—6,500 bgs, Baker Castor Oil Co, West Selene, Pernambuco
667 bgs, Dunstan, Parnahyba
1,708 bgs, Dunstan, Ceara
1,720 bgs, Brown Bros-Harriman Co, Dunstan, Ceara
1,350 bgs, Brown Bros-Harriman Co, Dunstan, Para
3,360 bgs, Philadelphia National Bank, Dunstan, Para
1,541 bgs, Baker Castor Oil Co, Eastern Prince, Santos
5,080 bgs, Eastern Prince, Santos
3,692 bgs, Baker Castor Oil Co, Eastern Prince, Rio de Janeiro
1,700 bgs, Lenape Trading Co, Culberson, Bahia
1,694 bgs, Wessel, Duval & Co, Culberson, Bahia
CASTOR BEANS—5,100 bgs, Baker Castor Oil Co, Culberson, Pernambuco
3,386 bgs, Culberson, Pernambuco
2,800 bgs, Spencer Kellogg & Sons, Hokuroku, Dairen
CELERY SEED—71 bgs, Luna L D, Karachi
CHALK, PRECIPITATED — 125 bgs, H J Baker & Bros, Bristol City, Bristol
80 bgs, American Merchant, London
80 bgs, C B Chrystal & Co, American Merchant, London
CHARCOAL, ANIMAL—7 cks, 2,695 lbs, Robinson-Wagner Co, Black Hawk, Antwerp
CHEMICALS—6 dms, 2,798 lbs, Philip Bauer Co, Black Osprey, Rotterdam
2,500 bgs, 555,500 lbs, Black Osprey, Rotterdam
1 cs, 68 lbs, Hummel Chem Co, Black Osprey, Rotterdam
9 cks, 6,014 lbs, General Aniline Works, Black Osprey, Rotterdam
39 cks, 24,402 lbs, Innis, Speiden & Co, Black Osprey, Rotterdam
10 bbls, 4,906 lbs, Jungmann & Co, Black Osprey, Rotterdam
42 dms, 23,720 lbs, Black Osprey, Rotterdam
13 bbls, Beemsterdijk, Rotterdam
17 cks, Robinson, Wagner & Co, Beemsterdijk, Rotterdam
20 dms, Michel Export Corp, Beemsterdijk, Rotterdam
37 cks, Advance Solvents & Chem Co, Beemsterdijk, Rotterdam
25 cks, E M Sergeant Pulp & Chem Co, Beemsterdijk, Rotterdam
50 dms, General Aniline Works, Beemsterdijk, Rotterdam
112 cks, 6 cs, Beemsterdijk, Rotterdam
300 bgs, 25 cks, Robinson-Wagner Co, Beemsterdijk, Rotterdam
22 bbls, Th Goldschmidt Corp, Beemsterdijk, Rotterdam
30 bbls, 125 cs, Bergstrom Trading Corp, Drottningholm, Gothenburg
1,016 bgs, 224,859 lbs, Advance Solvents & Chem Co, Hamburg, Hamburg
12 cks, 7,150 lbs, Robinson-Wagner Co, Hamburg, Hamburg
100 cks, 48,400 lbs, Philip Bauer Co, Hamburg, Hamburg
139 bgs, 23,091 lbs, Sherka Chemical Co, Hamburg, Hamburg
10 bbls, 10 dms, 15 cs, Innis, Speiden & Co, Hamburg, Hamburg
7 cs, 1,416 lbs, Hamburg, Hamburg
31 cks, Advance Solvents & Chem Co, Hamburg, Hamburg
5 cs, Burroughs-Wellcome Co, Ausonia, London
39 cks, 23,599 lbs, Hamburg, Hamburg
100 bbls, 12,980 lbs, Hamburg, Hamburg
4 cs, 1,276 lbs, Pfaltz & Bauer, Hamburg, Hamburg
20 cs, 1,903 lbs, Schimmel & Co, Hamburg, Hamburg
353 bgs, 1 cs, Hamburg, Hamburg
1 ck, 585 lbs, Stanley Doggett, Hamburg, Hamburg
4 cks, 1 cs, Jungmann & Co, Hamburg, Hamburg
70 cks, 23,625 lbs, Hamburg, Hamburg
10 cs, 1,603 lbs, Hummel Chem Co, Hamburg, Bremen
8 cans, 1 ck, Hamburg, Bremen
20 cs, 2,640 lbs, C P Kuyper & Co, Hamburg, Bremen
50 cks, 26,877 lbs, Innis, Speiden & Co, Hamburg, Bremen
127 cks, 60,849 lbs, Hamburg, Hamburg
3 cs, Eimer & Amend, Norden, Hamburg
3 dms, 2,305 lbs, Hummel Chem Co, Black Condor, Rotterdam
88 cks, 52,608 lbs, Philip Bauer Co, Black Condor, Rotterdam
13 cks, General Aniline Works, Black Condor, Rotterdam
12 bbls, 5,887 lbs, American Fluoride Corp, Black Condor, Rotterdam
34 kegs, 4,936 lbs, Chrisman Supply Co, Black Condor, Rotterdam
57 dms, 25,262 lbs, Michel Export Co, Black Condor, Rotterdam
20 cks, 4,928 lbs, National Carloading Corp, Black Condor, Rotterdam
1 cs, Merck & Co, American Merchant, London
34 kegs, 102 cs, H H Rosenthal Co, Hokuroku, Osaka
CHINA CLAY—504 bgs, 18 tons, 13 cwt, English China Clay Sales Corp, Scythia, Liverpool
390 bgs, 30 tons, Whittaker, Clark & Daniels, Scythia, Liverpool
CHROMITE ORE—48 bgs, Comstock & Westcott, President Cleveland, Manila
CINCHONA PRODUCT—56 cs, R W Greeff & Co, Beemsterdijk, Rotterdam
CLAY—60 cks, 73,020 lbs, J Goebel & Co, Hamburg, Bremen
CLOVES—19 bgs, City of Mobile, Aden
115 bgs, C T Wilson & Co, Malayan Prince, Batavia
247 bgs, Commodities Trading Co, Malayan Prince, Batavia
1,785 bgs, Malayan Prince, Batavia
128 bgs, Katz American Co, Kota Baroe, Amboina
12 bgs, Kota Baroe, Amboina
COALTAR, INTERMEDIATES—12 cks, 4 dms, General Aniline Works, Beemsterdijk, Rotterdam
45 pkks, 6 dms, 100 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
COBALT, OXIDE—8 bbls, 1,260 lbs, National City Bank, Hamburg, Hamburg
COCOA BEANS—800 bgs, Standard Bank, South Africa, Zarembo, Winneba
7,630 bgs, Cie Francaise de l'Afrique Occid, Zarembo, Accra
3,000 bgs, Superintendence Co, Zarembo, Grand Bassam
8,000 bgs, Balfour, Guthrie & Co, Zarembo, Winneba
8,000 bgs, Balfour, Guthrie & Co, Zarembo, Saltpond
4,800 bgs, Balfour, Guthrie & Co, Zarembo, Cape Coast
11,200 bgs, Balfour, Guthrie & Co, Zarembo, Takoradi
3,845 bgs, Balfour, Guthrie & Co, Zarembo, Sassandra
1,250 bgs, Sheridon, Trinidad
1,000 bgs, Fruit Despatch Co, Peten, Port Limon
1,608 bgs, Balfour, Guthrie & Co, Calgary, Koko
8,000 bgs, Balfour, Guthrie & Co, Calgary, Saltpond
6,200 bgs, Cie Francaise de l'Afrique Occid, Cape Coast
2,976 bgs, Barclay Bank, Calgary, Accra
1,824 bgs, Calgary, Accra
4,100 bgs, Calgary, Lagos
2,840 bgs, Balfour, Guthrie & Co, Calgary, Lagos
4,567 bgs, Balfour, Guthrie & Co, Calgary, Apapa
1,600 bgs, Wood & Selick, Calgary, Takoradi
1,500 bgs, Superintendence Co, Calgary, Port Bouet
COCOA BEANS—757 bgs, Cie Francaise de l'Afrique Occid, Calgary, Port Bouet
7,700 bgs, Balfour, Guthrie & Co, Calgary, Port Bouet
1,500 bgs, Superintendence Co, Calgary, Grand Bassam
444 bgs, Curacao Trading Co, Coamo, Santo Domingo City
500 bgs, Eastern Prince, Port Spain
100 bgs, Wessel, Duval & Co, Buenaventura, Cristobal
300 bgs, Buenaventura, Cristobal
1,453 bgs, Flora, Curacao
500 bgs, Curacao Trading Co, San Jacinto, Macoris
2,829 bgs, Curacao Trading Co, San Jacinto, Sanchez
323 bgs, Gillespie & Co, San Jacinto, Sanchez
250 bgs, Carr Bros, San Jacinto, Puerto Plata
75 bgs, Curacao Trading Co, San Jacinto, Puerto Plata
250 bgs, Machado & Co, San Jacinto, Puerto Plata
7,184 bgs, W & A Leaman, Black Condor, Rotterdam
400 bgs, Machado & Co, Caracas, La Guaira
500 bgs, Scholtz & Co, Caracas, La Guaira
COCONUT—150 bgs, 15,900 lbs, I L Toledano Corp, Rosario, Mayaguez
51 bgs, 5,100 lbs, International American Trading Co, Mayaguez
1,638 bgs, 163,800 lbs, Franklin, Baker Co, Rosario, Mayaguez
31 bgs, 3,100 lbs, J Simon & Co, Rosario, Mayaguez
1,300 bgs, 130,000 lbs, Franklin, Baker Co, Haiti, Cristobal
1,500 bgs, 150,000 lbs, I L Toledano Corp, Buenaventura, Cristobal
41 bgs, 4,100 lbs, Fruit Despatch Co, Iriona, Porto Cortes
DESIC—250 cs, J H Vavasseur & Co, Lossiebank, Colombo
140 cs, Tunley & Co, President Cleveland, Manila
COLORS—2 dms, Dunlap, Alpers & Mott, Black Hawk, Antwerp
2 cks, Fulton Dye Co, Ausonia, Southampton
ARTISTS — 1 cs, 2 bbls, M Grumbucher, Beemsterdijk, Rotterdam
CERAMIC—4 cs, B F Drakenfeld & Co, Scythia, Liverpool
COALTAR—88 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
DRY—40 cks, C J Osborn & Co, Beemsterdijk, Rotterdam
EARTH—40 cks, C J Osborn & Co, Beemsterdijk, Rotterdam
62 cks, Smith Chem & Color Co, Beemsterdijk, Rotterdam
POTTERS—1 ck, Rohmer, Gehrig & Co, Scythia, Liverpool
COLUMBITE ORE—900 bgs, Ledoux Co, Zarembo, Port Harcourt
COPAIBA BALSAM—244 cs, Sheridan, Manaos
CORIANDER SEED—50 bgs, J L Hopkins & Co, Ingria, Marseilles
CORK, WASTE — 1,621 bls, Johnson Turner Trading Co, Ida, Bona
987 bls, Johnson Turner Trading Co, Ida, Bougie
130 bls, Johnson Turner Trading Co, Examiner, Palamos
WOOD—636 bls, Johnson Turner Trading Co, Ida, Bona
345 bls, Wicander & Co, Ida, Bougie
COTTONSEED FIBER—70 bls, Hercules Powder Co, Cauto, Tampico
CREAM TARTAR—1 ck, Leghorn Trading Co, President Wilson, Genoa
CRESOL, SOLID—10 kgs, Monsanto Chem Co, American Shipper, Manchester
DEXTRIN—12 bgs, Gallagher & Ascher, Beemsterdijk, Rotterdam
20 bgs, 88 cs, 7,612 lbs, Hamburg, Hamburg
DRAGONS BLOOD—10 cs, P A Dunkel & Co, Maron, Singapore
DYES, ALIZARIN—4 dms, 2 cs, 16 cks, General Dyestuff Corp, Beemersdijk, Rotterdam
ANILINE—2 bbls, L & R Organic Co, Black Hawk, Antwerp
10 dms, 44 cks, 1 cs, General Dyestuff Corp, Beemsterdijk, Rotterdam
9 dms, Sandoz Chem Works, Hamburg, Hamburg
12 kgs, L & R Organic Prod Co, Scythia, Liverpool
34 kgs, L & R Organic Prod Co, Hokuroku, Osaka
EGG YOLK, HEN—56 cs, Consumers Import Co, Kongo, Kobe
112 cs, J Lowe Corp, Kongo, Kobe
44 cs, Grace National Bank, Kongo, Kobe
370 cs, Stein, Hall & Co, Kongo, Kobe
EPSOM SALT—150 bgs, Innis, Speiden & Co, Hamburg, Bremen
ERGOT—28 bgs, Beemsterdijk, Rotterdam
FERTILIZER, NITROGENOUS—100 tons, Liberty, Hull
PEAT DUST — 405 bgs, New Amsterdam Supply & Mfg Co, Liberty, Glasgow
FILTER, COMP—100 bls, 11,550 lbs, Globe Shipping Co, Hamburg, Hamburg
MASSE—30 bls, 3,432 lbs, Aug Giese & Son, Hamburg, Hamburg
MATERIAL—25 bls, 2,915 lbs, F Bing, Black Osprey, Rotterdam
PAPER—10 cs, 3,731 lbs, Hamburg, Hamburg
4 cs, Hamburg, Hamburg
12 cs, H Reeve Angel & Co, Ausonia, London
FLAXSEED—6,305,900 kilos, 255,836 bu, Archer Daniels Midland Co, Rigel, Rosario
455 tons, 18,200 bu, Bunge North American Grain Co, Eastern Prince, Buenos Aires
500 bgs, 1,760 bu, Bunge North American Grain Co, Eastern Prince, Buenos Aires
285 bgs, 627 bu, L Dreyfus & Co, Eastern Prince, Buenos Aires
481 tons, 19,240 bu, L Dreyfus & Co, Eastern Prince, Buenos Aires
FLEASEED—241 bgs, President Wilson, Bombay
FULLERS EARTH—400 bgs, 88,000 lbs, L A Salomon & Bros, Bristol City, Bristol
GAMBIER—100 cs, E E Androvette, Lossiebank, Singapore
340 cs, American Dyewood Co, Lossiebank, Belawan Deli
200 cs, Chase National Bank, Maron, Penang
GELATIN—100 bgs, 10 kgs, R D McLellan, Black Osprey, Rotterdam
55 cs, L A Consmiller, Hamburg, Hamburg
5 cs, J P Smith & Co, Scythia, Liverpool
GINGER ROOT — 12 bgs, Jos di Cristina, Coamo, San Juan
GLASS, PLATE—15 cs, Hamburg, Bremen
WINDOW—4 cs, Semon, Bache & Co, Black Hawk, Antwerp
GLUE—200 bgs, W R Grace & Co, Santa Maria, San Antonio
BONE—20 cks, 2,756 lbs, African Metal Corp, Black Hawk, Antwerp
100 bgs, Hamburg, Hamburg
MARINE—18 dms, L W Ferdinand & Co, American Merchant, London
GLUESTOCK — 351 bls, Mysindia Co, Luna L D, Madras
GLYCERIN — 40 dms, Superintendence Co, Drottningholm, Gothenburg
56 dms, Ausonia, London
GRAPHITE — 350 bgs, National City Bank, Lossiebank, Colombo
939 bgs, Asbury Graphite Mills, Malayan Prince, Batavia
266 bgs, Malayan Prince, Colombo
GREASE, WOOL—50 bbls, Robinson, Wagner Co, American Shipper, Manchester
25 bbls, American Shipper, Manchester
10 bbls, 2 tons, 1 cwt, 1 qtr, 11 lbs, Scythia, Liverpool
15 dms, 3 tons, 1 cwt, 7 lbs, Hummel Chem Co, Scythia, Liverpool
150 bbls, Davies, Turner & Co, Liberty, Liverpool
GUM—4 cs, American Merchant, London
ARABIC—150 bgs, Paul A Dunkel & Co, City of Mobile, Port Sudan
400 bgs, Innis, Speiden & Co, City of Mobile, Port Sudan
60 bgs, Frank Vliet Co, City of Mobile, Port Sudan
150 bgs, T N Duche & Sons, City of Mobile, Port Sudan
25 bgs, A D Isbetcherian, City of Mobile, Port Sudan
150 bgs, Chase Natl Bank, City of Mobile, Port Sudan
150 bgs, City of Mobile, Port Sudan
BENZOIN—100 cs, S B Penick & Co, Maron, Sibolga
25 cs, Kota Barve, Sibolga
CHICLE—1,102 bls, Mexican Exploitation Co, Cauto, Pregreso
2,604 bls, Mexican Exploitation Co, Cauto, Cozumel
COPAL—70 bgs, Stroock & Wittenberg, Malayan Prince, Singapore
70 bgs, American Cyanamid & Chem Co, Malayan Prince, Singapore
210 bgs, G W S Patterson & Co, Malayan Prince, Singapore
191 bgs, 167 bskts, Gillespie, Rogers, Pyatt Co, Malayan Prince, Macassar
176 bgs, 63 bskts, G W S Patterson & Co, Malayan Prince, Macassar
202 bskts, Stroock & Wittenberg, Malayan Prince, Macassar
294 bskts, T G Cooper & Co, Malayan Prince, Macassar
184 bgs, S Winterbourne & Co, Malayan Prince, Macassar
434 bgs, Van Norden & Co, Malayan Prince, Macassar
112 bgs, Philadelphia Natl Bank, Malayan Prince, Singapore
90 bskts, National City Bank, Malayan Prince, Macassar
423 bskts, O G Innes Corp, Kota Baroe, Macassar
54 bskts, O G Innes Corp, Kota Baroe, Amboina
182 bskts, Kota Baroe, Tominibay
DAMMAR—100 cs, Royal Bank of Canada, Kota Baroe, Padang
100 cs, Mitsui & Co, Azumasan, Singapore
100 cs, Stroock & Wittenberg, Steel Navigator, Batavia
200 cs, G W S Patterson & Co, Steel Navigator, Batavia
100 cs, Sino Java Hvg, Steel Navigator, Batavia
600 bgs, Thurston & Braidich, Lossiebank, Batavia
125 cs, O G Innes Corp, Maron, Batavia
100 cs, Thurston & Braidich, Maron, Batavia
100 cs, Gillespie, Rogers, Pyatt Co, Maron, Batavia
200 cs, G W S Patterson & Co, Maron, Batavia
100 cs, S Winterbourne & Co, Maron, Batavia
200 cs, G W S Patterson & Co, Maron, Singapore
210 bgs, Gillespie, Rogers, Pyatt Co, Maron, Singapore
70 bgs, France, Campbell & Darling, Maron, Singapore
70 bgs, O G Innes Corp, Maron, Singapore
250 cs, National City Bank, Malayan Prince, Batavia
200 cs, American Cyanamid & Chem Co, Malayan Prince, Batavia
50 cs, Sino Java Hvg, Malayan Prince, Batavia
210 bgs, France, Campbell & Darling, Malayan Prince, Singapore
150 cs, 210 bgs, G W S Patterson & Co, Malayan Prince, Singapore
420 bgs, 25 cs, Gillespie, Rogers, Pyatt Co, Malayan Prince, Singapore
70 bgs, W H Scheel, Malayan Prince, Singapore
210 bgs, Stroock & Wittenberg, Malayan Prince, Singapore
64 bgs, Gillespie, Rogers, Pyatt Co, Malayan Prince, Macassar
210 bgs, 50 cs, President Wilson, Singapore
50 cs, American Cyanamid & Chem Co, President Wilson, Singapore
50 cs, G W S Patterson & Co, President Wilson, Singapore
100 cs, 448 bgs, S Winterbourne & Co, President Wilson, Singapore
50 cs, O G Innes Corp, Kota Baroe, Batavia
50 cs, O G Innes Corp, Kota Baroe, Singapore
50 cs, Gillespie, Rogers, Pyatt Co, Kota Baroe, Singapore
210 bgs, Thurston & Braidich, Kota Baroe, Singapore
KARAYA—334 bgs, J Wolf & Co, President Wilson, Bombay
200 bgs, Paul A Dunkel & Co, President Wilson, Bombay
25 bgs, T M Duche & Sons, President Wilson, Bombay
376 bgs, President Wilson, Bombay
TRAGACANTH—69 bgs, Frank Vliet Co, President Wilson, Bombay
HEMPSEED—673 bgs, A G Dunn, Hokuroku, Dairen
HERBS, MEDICINAL — 3 bls, Lossiebank, Batavia
2 bls, Peek & Velsor, Beemsterdijk, Rotterdam
6 bls, J L Hopkins & Co, Hamburg, Hamburg
5 bls, Dunston, Para
HOPS—4 bls, Ludwig Baer, Black Osprey, Rotterdam
43 bls, Globe Shipping Co, Hamburg, Hamburg
31 bls, S S Steiner, Hamburg, Hamburg
42 bls, R F Downing & Co, Hamburg, Hamburg
42 bls, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
3 bls, 1 cyl, J Sonnenstein Hop Co, Hamburg, Hamburg
45 bls, Globe Shipping Co, Hamburg, Bremen
INK, CELLOPHANE—2 dms, Hilton & Co, Norden, London
IPECAC ROOT—20 bgs, C E Griffin & Co, Buenaventura, Cristobal
IRON, ORE—22,000 tons, Bethlehem Steel Co, Svealand, Cruz Grande
OXIDE—20 bbls, 13,200 lbs, Robinson-Wagner Co, Examiner, Malaga

IRON OXIDE—25 bbls, 16,500 lbs, T H Deutz, Examiner, Malaga
20 cks, T H Deutz, Beemsterdijk, Rotterdam
160 bgs, G Z Collins & Co, Bristol City, Bristol
60 cks, Robinson-Wagner Co, Hamburg, Bremen
10 cks, 5 kegs, 3 tons, 12 cwt, 2 qtrs, J A McNulty, Scythia, Liverpool
200 bgs, 5 tons, 6 cwt, 1 qtr, 6 lbs, Scythia, Liverpool
KAMALA—40 bgs, Luna L D, Karachi
LICORICE PASTE—270 cs, Tur Hermanos, Examiner, Tarragona
LIME, POWD—cks, 14,192 lbs, Strohmeyer & Arpe Co, Hamburg, Hamburg
LIVER EXTRACT—52 cs, Wilson & Co, Eastern Prince, Buenos Aires
MACE—28 cs, Catz American Co, Steel Navigator, Macassar
16 cs, Beemsterdijk, Rotterdam
22 cs, Catz American Co, Maron, Batavia
18 cs, Maron, Batavia
21 cs, Knickerbocker Mills Co, Kota Baroe, Macassar
25 cs, Kota Baroe, Macassar
33 cs, Van Loan & Co, Kota Baroe, Banda
24 cs, B H Old & Co, Kota Baroe, Padang
MAGNESIA, CARBONATE—50 cks, Schofield-Donald Co, American Shipper, Liverpool
HYDRATE — 20 cs, Schofield-Donald Co, American Shipper, Liverpool
STEARATE—5 cs, Yardley & Co, American Merchant, London
MAGNESITE, CRUDE—220 bgs, City of Mobile, Madras
LUMP—1,080 bgs, City of Mobile, Madras
MANGROVE BARK EXTRACT — 4,107 bgs, Philippine Cutch Corp, President Wilson, Zamboanga
MANIOC MEAL — 675 bgs, Dunstan, Parnahyba
550 bgs, American Cyanamid & Chem Co, Dunstan, Ceara
16 bgs, Dunstan, Ceara
2,258 bgs, A Hirsch & Co, Culberson, Bahia
850 bgs, American Cyanamid & Chem Co, Culberson, Fortaleza
MATCHES, SAFETY—25 cs, Muller Trading Corp, Azumasan, Kobe
1,100 tins, Godo Match Co, Azumasan, Kobe
3,000 cnts, New York Match Co, Drottningholm, Gothenburg
MENTHOL—5 cs, 300 lbs, Ungerer & Co, Hokuroku, Shanghai
5 cs, 300 lbs, Bridges, Neumer & Co, Hokuroku, Shanghai
20 cs, 1,200 lbs, Bridges, Neumer & Co, Hokuroku, Kobe
MICA—876 cs, City of Mobile, Calcutta
BLOCK—24 cs, Globe Shipping Co, City of Mobile, Calcutta
226 cs, City of Mobile, Calcutta
30 cs, Luna L D, Calcutta
DISCS—5 cs, City of Mobile, Calcutta
1 cs, Luna L D, Calcutta
FILM—14 cs, City of Mobile, Calcutta
38 cs, Luna L D, Calcutta
SPLITTINGS—120 cs, General Electric Co, City of Mobile, Calcutta
417 cs, City of Mobile, Calcutta
27 cs, American Merchant, London
2 cs, Luna L D, Calcutta
WASTE—2,821 bgs, Luna L D, Calcutta
MONAZITE SAND—300 bgs, American Merchant, London
MUSTARD SEED—311 bgs, Kongo, Kobe
MYROBALANS — 1,200 bgs, Guaranty Trust Co, Luna L D, Bombay
10,640 bgs, National City Bank, Luna L D, Bombay
NAPHTHALENE—571 bgs, 112,703 lbs, Black Osprey, Rotterdam
482 bgs, Associated Metal & Mineral Corp, Beemsterdijk, Rotterdam
2,017 bgs, Calco Chem Co, Norden, London
448 bgs, C B Richard & Co, Norden, London
545 bgs, Calco Chem Co, Liberty, Hull
192 bgs, Calco Chem Co, Liberty, Manchester
NICKEL CARBONYL—15 cyls, International Nickel Co, Bristol City, Bristol
NUTMEG—45 cs, Steel Navigator, Macassar
11 bgs, Beemsterdijk, Rotterdam
300 bgs, Maron, Batavia
52 bgs, I Harrison & Whitney, Maron, Padang
20 bgs, Maron, Padang
29 cs, Catz American Co, Kota Baroe, Macassar
235 bgs, H P Winter & Co, Kota Baroe, Padang
NUX VOMICA—726 bgs, Mitsui & Co, Hokuroku, Kobe
OIL, ABIES—6 dms, Continental Bank Trust Co, Hokuroku, Yokohama
ALMOND—10 cs, Ungerer & Co, Ausonia, London
CAJEPUT—2 dms, Kota Baroe, Macassar
CAMPHOR—20 dms, Mitsui & Co, Azumaran, Yokohama
25 dms, Volkart Bros, Kongo, Yokohama
25 dms, Lo Curto & Funk, Hokuroku, Yokohama
CARAWAY—1 dm, Magnus, Mabee & Reynard, Beemsterdijk, Rotterdam
CASSIA—20 dms, Fritzsche Bros, President Cleveland, Hongkong
8 dms, Magnus, Mabee & Reynard, President Cleveland, Hongkong
CHAULMOOGRA—5 cs, City of Mobile, Calcutta
CHINAWOOD—290 tons, Bunge North American Grain Co, President Cleveland, Shanghai
CINNAMON LEAF—3 dms, J H Vavasseur & Co, Lossiebank, Colombo
4 dms, National City Bank, President Wilson, Colombo
CITRONELLI—4 dms, Lautier Fils, Steel Navigator, Batavia
42 dms, Catz American Co, Navigator, Batavia
6 dms, Dodge & Olcott Co, Maron, Batavia
36 dms, Catz American Co, Malayan Prince, Batavia
11 dms, Kota Baroe, Colombo
COCONUT—952 tons, Philippine Refg Corp, Azumasan, Cebu
975 tons, Procter & Gamble, Losisebank, Manila
500 tons, Kongo, Manila
COD—100 dms, I R Boody & Co, Azumasan, Yokohama
CORN—287 dms, Balfour, Guthrie & Co, Beemsterdijk, Rotterdam
100 dms, I R Boody & Co, Beemsterdijk, Rotterdam
100 dms, American Merchant, London

SCIENTIFIC
CLEANING MILLING
GUMS, DRUGS,
FOOD PRODUCTS
for
TRADE and CONSUMER
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts
Est. 1854 NEWARK, N. J.

OIL, COTTONSEED—284 tons, W R Grace & Co, President Cleveland, Shanghai
145 bbls, Culberson, Pernambuco
ESSENTIAL—13 cs, Beemsterdijk, Rotterdam
FISH, HARDENED—200 bgs, Mitsui & Co, Hokuroku, Yokohama
GERANIUM—1 dm, Norda Essential Oil Co, Examiner, Algiers
JUNIPER—5 dms, 2,666 lbs, Fritzsche Bros, Examiner, Seville
KAI-OKSEED—Quantity, Kota Baroe, Tjilitjap
Quantity—Kota Baroe, Sourabaya
LEMONGRASS—6 dms, Volkart Bros, Maron, Cochin
4 dms, Chase National Bank, Maron, Cochin
17 dms, Maron, Cochin
LINSEED—30 dms, 24,516 lbs, Black Osprey, Rotterdam
84 dms I R Boody & Co, Beemsterdijk, Rotterdam
MINERAL—35 dms, 1 cs, Hamburg, Hamburg
OITICICA—7 cs, Brazil Wood Oil Corp, Eastern Prince, Rio de Janeiro
OLIVE—37 cs, 115 pkgs, Ida, Palermo
100 dms, Banca Com'l Italian Trust Co, Ida, Algiers
175 dms, American Export Line, Examiner, Oran
100 dms, Rhode Island National Bank, Examiner, Algiers
20 dms, Canadian Pacific Railway, Examiner, Algiers
445 dms, Leghorn Trading Co, Examiner, Sfax
112 dms, Venice Import Co, Examiner, Sfax
10 dms, Chase National Bank, Examiner, Sfax
25 dms, Schroeder Bros, Examiner, Tarragona
50 dms, Lekas & Drivas, Examiner, Tarragona
25 dms, Examiner, Tarragona
423 dms, Examiner, Sfax
25 dms, Banca Com'l Italian Trust Co, Examiner, Tarragona
35 dms, La Mamia, Azema & Fernau, Examiner, Tarragona
25 dms, Banca di Napoli Trust Co, Examiner, Malaga
100 dms, Leghorn Trading Co, Examiner, Malaga
100 dms, Guaranty Trust Co, Examiner, Malaga
15 dms, National City Bank, Examiner, Malaga
25 dms, Public National Bank, Examiner, Malaga
580 cs, 100 dms, Examiner, Malaga
240 dms, Leghorn Trading Co, Examiner, Seville
50 dms, Venice Import Co, Examiner, Seville
25 dms, Lekas & Drivas, Examiner, Seville
40 dms, Guaranty Trust Co, Examiner, Seville
160 dms, Banca Com'l Italian Trust Co, Examiner, Seville
50 dms, 425 cs, Examiner, Seville
500 dms, Leghorn Trading Co, Tonsbergfjord, Seville
30 dms, Banca Com'l Italian Trust Co, Tonsbergfjord, Seville
361 cs, 190 dms, Tonsbergfjord, Seville
1,296 cs, President Wilson, Genoa
10 dms, Germano & Son, President Wilson, Genoa
50 dms, P Pastene & Co, President Wilson, Genoa
25 dms, A Fivre & Co, President Wilson, Genoa
PALM—1,234 tons, 7 cwt, 3 qtrs, 15 lbs, Balfour, Guthrie & Co, Zarembo, Matadi
676 tons, Guaranty Trust Co, Steel Navigator, Belawan Deli
330 tons, Balfour, Guthrie & Co, Lossiebank, Belawan Deli
800 tons, Van Leeuwen, Boomkamp & Co, Maron, Belawan Deli
749 tons, Van Leeuwen, Boomkamp & Co, Kota Baroe, Belawan Deli
PEANUT—50 dms, I R Boody & Co, Beemsterdijk, Rotterdam
PERILLA—150 dms, Mitsui & Co, Azumasan, Nogoya
Quantity, S L Jones & Co, Kongo, Kobe
328 tons, S L Jones & Co, Hokuroku, Dairen
300 tons, Mitsui & Co, Hokuroku, Kobe
300 dms, Balfour, Guthrie & Co, Hokuroku, Tokio
PETITGRAIN—25 cs, 3,404 lbs, West Selene, Buenos Aires
10 dms, Chase National Bank, Culberson, Montevideo
PIMENTO LEAF—1 dm, Gillespie & Co, Haiti, Kingston
PINENEEDLE—6 dms, Atlantic White Sea & Baltic Co, Hamburg, Hamburg
RAPESEED—200 dms, Mitsui & Co, Azumasan, Yokohama
50 dms, 1 R Boody & Co, Azumasan, Nogoya
200 dms, Azumasan, Nogoya
200 dms, Mitsui & Co, Hokuroku, Kobe
300 dms, Balfour, Guthrie & Co, Hokuroku, Tokyo
RESIDUE—25 dms, Hamburg, Hamburg
7 cs, Globe Shipping Co, Hamburg, Hamburg
6 dms, Norden, Hamburg
ROSEWOOD—6 dms, Sheridan, Para
6 dms, Sheridan, Manaus
SUNFLOWER SEED—300 dms, I R Boody & Co, Beemsterdijk, Rotterdam
TEASEED—700 dms, W R Grace & Co, President Cleveland, Hankow
200 dms, Hokuroku, Shanghai
100 dms, Mitsui & Co, Hokuroku, Hankow
150 dms, American Cyanamid & Chem Co, Hokuroku, Changsha
50 dms, A M Capens Sons, Hokuroku, Changsha
VEGETABLE—Quantity, Lossiebank, Semarang
YLANG YLANG—3 dms, Guaranty Trust Co, City of Mobile, Aden
1 cs, Analy Corp, President Cleveland, Manila
PAPAIN—20 cs, S B Penick & Co, Malayan Prince, Colombo
PAPRIKA—20 bgs, Villar & Osorio, Tonsbergfjord, Seville
30 cs, H Schoenfeld & Son, Hamburg, Hamburg
10 cs, Meyer & Lang, Hamburg, Hamburg
100 bgs, Briones & Co, Hamburg, Bremen
200 bgs, Irving Trust Co, Hamburg, Bremen
PARAFFIN — 3,388 bgs, Standard Oil Co of N J, Lossiebank, Palembang
1,694 bgs, Standard Oil Co of N J, Malayan Prince, Batavia
3,388 bgs, Standard Oil Co of N J, Malayan Prince, Palembang
800 bgs, Kota Baroe, Belik Papan
PEATMOSS—800 bls, Premier Peatmoss Corp, Argosy, Copenhagen
500 bls, Hamburg, Hamburg
PELLITORY ROOT—6 bls, J L Hopkins & Co, Ingria, Marseilles
PEPPER BLACK—243 bgs, Steel Navigator, Oosthaven
1,056 bgs, Merchants Natl Bank, Steel Navigator, Pasoeroean
450 bgs, Lossiebank, Oosthaven
750 bgs, Catz American Co, Malayan Prince, Oosthaven
1,250 bgs, Catz American Co, Malayan Prince, Cheribon
132 bgs, Guaranty Trust Co, Kota Baroe, Telok Betong
1,200 bgs, Kota Baroe, Oosthaven
PEPPER, WHITE—350 bgs, Maron, Singapore
50 bgs, Wilson Sons & Co, Maron, Hongkong
2[illegible] S. Stein, Hall & Co, Malayan Prince, Batavia
2[illegible] Catz American Co, Kota Baroe, Kota Barde
500 bgs, Kota Baroe, Batavia
PETROLEUM, CRUDE—71,706 bbls, Gulf Refining Co, Davanger, Las Piedras
70,083 bbls, Gulf Refining Co, Montana, Las Piedras
PIMENTO—175 bgs, G W Cole & Co, Haiti, Kingston
POPPYSEED—100 bgs, 11,000 lbs, R L Friedler, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Beemsterdijk, Rotterdam
200 bgs, 22,000 lbs, Beemsterdijk, Rotterdam
300 bgs, 33,000 lbs, Julius Loewith, Argosy, Gdynia
100 bgs, 11,000 lbs, W R Grace & Co, Black Condor, Rotterdam
199 bgs, 21,890 lbs, C M Van Sillevoldt, Black Condor, Rotterdam
POTASH, CARBONATE—69 bbls, American Cyanamid & Chem Co, Hamburg, Hamburg
CAUSTIC—25 dms, American Cyanamid & Chem Co, Hamburg, Hamburg
42 dms, Heyden Chem Co, Hamburg, Hamburg
CHLORATE—400 cks, 98,824 lbs, Uniform Chem Prod Co, Hamburg, Hamburg
1,000 dms, 500 cks, Uniform Chem Prod Co, Norden, Hamburg
MURIATE—53 bgs, N V Potash Export My, Black Hawk, Antwerp
SULPHATE—510 bgs, 155 bbls, N V Potash Export My, Norden, Hamburg
90 tons, N V Potash Export My, Norden, Hamburg
PUMICE—300 bgs, Ida, Canneto
4,372 bgs, K F Griffiths Co, Ida, Canneto
LUMP—11 bgs, 1 ck, K F Griffiths Co, Ida, Canneto
3,822 bgs, J H Rhodes & Co, Ida, Canneto
PYRITES—1 cs, Chemical Construction Corp, Hokuroku, Osaka
QUASSIA CHIPS—90 bgs, J L Hopkins & Co, Tolos, Kingston
QUEBRACHO EXTRACT—3,800 bgs, International Product Corp, Eastern Prince, Buenos Aires
450 bgs, Tannin Corp, Eastern Prince, Buenos Aires
QUICKSILVER—50 flks, Chase National Bank, Yucatan, Vera Cruz
RAPESEED—25 bgs, F H Van Dam, Beemsterdijk, Rotterdam
300 bgs, Wagner Bros Feed Corp, Beemsterdijk, Rotterdam
ROOT, MEDICINAL—22 bgs, 2,459 lbs, Black Hawk, Antwerp
20 bls, 2,200 lbs, S B Penick & Co, Black Hawk, Antwerp
2 bgs, J L Hopkins & Co, Hamburg, Hamburg
30 bgs, 3,300 lbs, S B Penick & Co, Hamburg, Hamburg
ROTTENSTONE—3 cks, 6 cwt, 2 qtrs, 6 lbs, J H Rhodes & Co, Scythia, Liverpool
SAFFRON, AMERICAN—20 bgs, President Wilson, Alexandria
SAGO FLOUR—1,404 bgs, Chase Natl Bank, Steel Navigator, Singapore
950 bgs, Morningstar, Nicol, Lossiebank, Pasoeroean
143 bgs, Lossiebank, Singapore
380 bgs, Kongo, Singapore
SALTPETER—182 bgs, 40,040 lbs, Hamburg, Hamburg
SANDALWOOD—140 bgs, Dodge & Olcott Co, President Wilson, Bombay
SANTONIN—4 cs, Amtorg Trading Corp, American Merchant, London
SEED, MEDICINAL—44 bgs, 7,260 lbs, Villar Osorio, Tonsbergfjord, Seville
SENNA LEAVES—117 bls, McKesson & Robbins, City of Mobile, Port Sudan
SHELLAC—47 cs, A Hurst & Co, Beemsterdijk, Rotterdam
50 bgs, Mac Lac Co, City of Mobile, Calcutta
100 bgs, Gillespie, Rogers, Pyatt Co, City of Mobile, Calcutta
300 bgs, 85 cs, Wm Zinsser & Co, City of Mobile, Calcutta
300 bgs, Argenti & Co, City of Mobile, Calcutta
100 cs, 50 bgs, Mac Lac Co, City of Mobile, Calcutta
100 bgs, E E Androvette, City of Mobile, Calcutta
300 bgs, E E Androvette, Ausonia, London
200 bgs, Chase Natl Bank, Ausonia, London
217 bgs, Alfred Kramer & Co, Ausonia, London
1,300 bgs, Vulcan Detinning Co, Ausonia, London
300 bgs, E E Androvette, American Merchant, London
200 bgs, American Merchant, London
BUTTON LAC—50 bgs, Mac Lac Co, City of Mobile, Calcutta
GARNET LAC—100 bgs, Wm Zinsser & Co, City of Mobile, Calcutta
SEEDLAC—200 bgs, Mac Lac Co, City of Mobile, Calcutta
200 bgs, Wm Zinsser & Co, City of Mobile, Calcutta
25 bgs, Argenti & Co, City of Mobile, Calcutta
300 bgs, Carleton & Moffett, City of Mobile, Calcutta
100 bgs, MacLac Co, City of Mobile, Calcutta
100 bgs, Alfred Kramer & Co, City of Mobile, Calcutta
SLOEBERRIES—71 bgs, Ida, Susak
SOAP—1 cs, Yardley & Co, American Merchant, London
MILLING—110 cs, Yardley & Co, American Merchant, London
SHAVING—22 cs, Yardley & Co, American Merchant, London
SADDLE—14 cs, Salomon & Phillips, Ausonia, London
STEARIC ACID—7 cs, Yardley & Co, American Merchant, London
TOILET—5 cs, American Merchant, London
6 cs, Titan Shipping Co, American Merchant, London
36 cs, Thomas & Pierson, Scythia, Liverpool
SOAPSTONE, CRUDE — 10 bgs, Shoeldner, Heyman & Co, City of Mobile, Bombay
POWDER—90 bgs, Shoeldner, Heyman & Co, City of Mobile, Bombay
SODA, HYDROSULPHITE—23 dms, 5,271 lbs, Hamburg, Hamburg
SULPHIDE—25 cks, 6 tons, 2 cwt, 2 qtrs, 14 lbs, Scythia, Liverpool
SULPHITE—20 kegs, Davies, Turner & Co, Bristol City, Bristol
SPONGES—7 bls, American Merchant, London
REFUSE—8 bls, American Sponge & Chamois Co, Yucatan, Havana
STARCH—40 bgs, D & S Engineering Co, Black Osprey, Rotterdam
POTATO—50 bgs, Beemsterdijk, Rotterdam
25 bbls, 6,050 lbs, Morningstar-Nicol, Argosy, Gdynia
SUMAC—350 bgs, Tannin Corp, Ida, Palermo
TALLOW—250 dms, 84 tcs, Sheridon, Buenos Aires
260 dms, 70 bbls, Bristol City, Bristol
566 bbls, Chase Natl Bank, Eastern Prince, Buenos Aires
82 dms, Liberty, Liverpool
282 pkgs, Snow & Cleaver, Liberty, Dublin
VEGETABLE—1,044 pkgs, Mitsui & Co, Hokuroku, Hankow
TANKAGE—1,798 bgs, Swift & Co, Sheridon, Buenos Aires
TAPIOCA FLAKE—294 bgs, Stein, Hall & Co, Kota Baroe, Sourabaya
FLOUR—250 bgs, H P Winter & Co, Kota Baroe, Cheribon
1,000 bgs, Stein, Hall & Co, Steel Navigator, Batavia
487 bgs, Stein, Hall & Co, Steel Navigator, Cheribon
100 bgs, Steel Navigator, Cheribon
500 bgs, Bank of Manhattan, Lossiebank, Cheribon
2,206 bgs, National Adhesive Corp, Lossiebank, Pasoeroean
1,580 bgs, Manufacturers Trust Co, Lossiebank, Pasoeroean
562 bgs, Java American Export Co, Lossiebank, Pasoeroean
200 bgs, Java American Export Co, Lossiebank, Sourabaya
2,000 bgs, Stein, Hall & Co, Lossiebank, Tegal
1,500 bgs, Stein, Hall & Co, Lossiebank, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Lossiebank, Pamanoekan
1,103 bgs, National Adhesive Corp, Maron, Pasoeroean
8,531 bgs, Stein, Hall & Co, Maron, Sourabaya
626 bgs, Stein, Hall & Co, Maron, Cheribon
500 bgs, H P Winter & Co, Maron, Cheribon
1,500 bgs, Stein, Hall & Co, Maron, Batavia
255 bgs, H P Winter & Co, Maron, Batavia
250 bgs, Rutger, Bleecker & Co, Maron, Batavia
950 bgs, Chase Natl Bank, Dunstan, Ceara
84 bgs, Dunstan, Ceara
400 bgs, Eastern Prince, Rio de Janeiro
1,000 bgs, Stein, Hall & Co, Malayan Prince, Cheribon
267 bgs, Balfour, Guthrie & Co, Malayan Prince, Pamanoekan
500 bgs, Catz American Co, Malayan Prince, Pamanoekan
628 bgs, Stein, Hall & Co, Malayan Prince, Batavia
251 bgs, H P Winter & Co, Malayan Prince, Batavia
505 bgs, Stein, Hall & Co, Malayan Prince, Cheribon
250 bgs, H P Winter & Co, Malayan Prince, Cheribon
12,169 bgs, Stein, Hall & Co, Kota Baroe, Sourabaya
150 bgs, Stein, Hall & Co, Kota Baroe, Tandjong
1,941 bgs, Kota Baroe, Tandjong
500 bgs, Stein, Hall & Co, Kota Baroe, Cheribon
PEARL—342 bgs, Stein, Hall & Co, Kota Baroe, Sourabaya
TARTAR—523 bgs, Charles Pfizer & Co, Examiner, Oran
TIMBO—122 cs, West Selene, Para
68 bbls, 100 cs, Dunstan, Para
ROOT—48 bls, Dunstan, Para
TUBA ROOT—50 bls, Chase Natl Bank, Malayan Price, Singapore
TUMERIC—264 bgs, Luna L D, Bombay
FINGERS—20 bgs, City of Mobile, Madras
136 bgs, City of Mobile, Port Said
267 bgs, Luna L D, Bombay
VALONEA—1,700 bgs, J A Barkey & Co, Ida, Trieste
VANILLA BEANS—6 cs, Catz American Co, Steel Navigator, Batavia
1 cs, Catz American Co, Steel Navigator, Samarang
22 cs, Lossiebank, Samarang
20 cs, J N Limbert & Co, Yucatan, Vera Cruz
26 cs, Maron, Samarang
14 cs, Guaranty Trust Co, City of Mobile, Aden
19 cs, Kota Baroe, Samarang
VARNISH—2 cs, M Grumbacher, Beemsterdijk, Rotterdam
30 bbls, Ferado & Asbestos, Liberty, Liverpool
VIOLET, MINERAL—8 cks, Krebs Pigment & Color Corp, Beemsterdijk, Rotterdam
1 ck, Sherwin, Williams Co, Black Condor, Rotterdam
WAX, BEES—24 bgs, Strohmeyer & Arpe Co, Tampico
167 bgs, Tonsbergfjord, Lisbon
208 blocks, City of Mobile, Aden
6 bgs, Wm M Allison & Co, City of Mobile, Suez
160 bgs, Strohmeyer & Arpe Co, Eastern Prince, Santos
85 bgs, Eastern Prince, Santos
131 bgs, Eastern Prince, Rio de Janeiro
3 bgs, Carr Bros, San Jacinto, Puerto Plata
6 bgs, Machada & Co, San Jacinto, Puerto Plata
53 bgs, D Steengrafe, Oriente, Havana
20 cones, Lenape Trading Co, Oriente, Havana
195 bgs, Tonsbergfjord, Lisbon
CANDELILLA—61 bgs, M Argueso & Co, Cauto, Tampico
169 bgs, D A Zorrilla, Cauto, Tampico
335 bgs, Cauto, Tampico
CARNAUBA—113 bgs, Strohmeyer & Arpe Co, Culberson, Ceara
56 bgs, Wessel, Duval & Co, Culberson, Fortaleza
23 bgs, A Hurst & Co, Culberson, Fortaleza
78 bgs, Smith & Nichols, Culberson, Fortaleza
11 bgs, Innis, Speiden & Co, Culberson, Fortaleza
314 bgs, American Cyamamid & Chem Co, Culberson, Fortaleza
350 bgs, Strohmeyer & Arpe Co, Culberson, Fortaleza
111 bgs, Bank of London, South America, Dunsten, Para
218 bgs, Brown Bros-Harriman o, Dunsten, Para
CARNAUBA—370 bgs, Wm M Allison & Co, Dunstan, Ceara
963 bgs, Strohmeyer & Arpe Co, Dunstan, Ceara
126 bgs, Strahl & Pitsch, Dunstan, Parnahyba
103 bgs, Brown Bros-Harriman Co, Dunstan, Parnahyba
316 bgs, Chase Natl Bank, Dunstan, Parnahyba
188 bgs, Bank of London South America, Dunstan, Parnahyba
63 bgs, American Cyanamid & Chem Co, Dunstan, Parnahyba
122 bgs, Brown Bros-Harriman Co, Dunstan, Ceara
179 bgs, Smith & Nichols, Dunstan, Ceara
168 bgs, American Cyanamid & Chem Co, Dunstan, Ceara
257 bgs, Strahl & Pitsch, Dunstan, Ceara
99 bgs, Chase Natl Bank, Dunstan, Ceara
56 bgs, Bank of London South America, Dunstan, Ceara
542 bgs, Dunstan, Ceara
56 bgs, Strahl & Pitsch, Dunstan, Para
240 bgs, American Cyanamid & Chem Co, Dunstan, Para
401 bgs, Smith & Nichols, Dunstan, Para
CERESIN—40 bgs, 4,505 lbs, W Manley, Hamburg
MINERAL—24 bgs, General Dyestuff Corp, Beemersdijk, Rotterdam
MONTAN—1,125 bgs, 178,250 lbs, Strohmeyer & Arpe Co, Hamburg, Hamburg
OZOKERITE—20 bgs, 2,206 lbs, Heemsoth, Pinckes & Kerner, Hamburg, Hamburg
VEGETABLE—650 cs, Mitsui & Co, Azumasan, Kobe
50 cs, Willers, Engel & Co, Azumasan, Kobe
100 bgs, H H Rosenthal Co, Azumasan, Kobe
50 cs, Strahl & Pitsch, Azumasan, Kobe

WAX, VEGETABLE—100 bgs, A Hurst & Co, American Merchant, London
WHITING—50 bgs, 11,000 lbs, African Metal Corp, Black Hawk, Antwerp
YEAST—75 bbls, Vulkan Yeast Co, Hamburg, Hamburg
ZINC, OXIDE—20 cks, 5,632 lbs, Argosy, Gdynia
ZINC SULPHIDE—1 ck, Claudius Ash, Son & Co, Ausonia, London
ZINC AMMONIA CHLORIDE—21 cks, 11,098 lbs, American Cyanamid & Chem Co, Black Hawk, Antwerp

New York Transit Imports

BRISTLES—50 cs, S Bloom, Kongo, Kobe, Providence
30 cs, H Rosenbusch, Hokuroku, Tientsin, Providence
MENTHOL—50 cs, 3,000 lbs, McKesson & Robbins, Hokuroku, Kobe, Bridgeport
OIL, CAMPHOR—25 drms, McKesson & Robbins, Hokuroku, Kobe, Bridgeport
CHINAWOOD—578 tons, W G Smith Co, President Wilson, Hankow, Cleveland
620,412 lbs, W G Smith Co, President Cleveland, Hankow, Cleveland
PERILLA—150 drms, W G Smith Co, Kongo, Nagoya, Cleveland
229 tons, Spencer Kellogg & Sons, Hokuroku, Darien, Buffalo
RAPESEED—Quantity, W G Smith Co, Kongo, Kobe, Cleveland
SAPAIN—22 cs, Carter, Cumming & Co, City of Mobile, Colombo, Buffalo
MYRRTHRUM FLOWERS—375 bls, McKesson & Robbins, Hokuroku, Kobe, Bridgeport
SPONGES—31 bls, Santa Elena, Havana, Paris
4 bls, Santa Elena, Havana, Stockholm

Baltimore Imports

ACID, CRESYLIC—19 drms, Cold Harbor, Manchester
ALUMINUM POWDER—4 cs, Trans Seas Shipping Co, City of Newport News, Hamburg
ALUMINUM AND BRONZE POWDER — 11 cs, National Carloading Co, City of Newport News, Hamburg
BONES — 120,000 lbs, Swift & Co, Collingsworth, Buenos Aires
49,042 lbs, Swift & Co, Collingsworth, Montevideo
2,479 bgs, Swift & Co, Collingsworth, Montevideo
BRONZE POWDER—12 cs, Trans Seas Shipping Co, City of Newport News, Hamburg
CHEMICALS—36 cks, City of Newport News, Hamburg
COPRA—500 tons, Procter & Gamble Co, Tai Shan, Cebu
FISH MEAL—2,240 bgs, Kirishima, Yokohama
GLASS DUST—20 cs, American Express Co, City of Newport News, Hamburg
IRON ORE—11,000 tons, Bethlehem Steel Co, Santore, Darequiri
OXIDE—1 ck, 20 bgs, E M & F Waldo, Cold Harbor, Liverpool
MAGNESIA SILICOFLUORIDE—45 bbls, City of Newport News, Hamburg
MANGANESE ORE—9,900 tons, E J Lavino & Co, Castlemoor, Vegagapatam
7,200 tons, Amtorg Trading Corp, Antonis G Lemos, Poti
3,250 tons, Carnegie Steel Co, Lina L D, Calcutta
MYROBALANS—1,456 bgs, Lina L D, Bombay
OIL, CODLIVER—6 bbls, 10 drms, City of Newport News, Hamburg
PYRETHRUM FLOWERS—125 bls, Hoegh Carrier, Kobe
PYRITES IRON—7,110 tons, Pyrites Co, David Dawson, Huelva
5,659 tons, Hopecrag, Huelva
QUEBRACHO EXTRACT—9,242 bgs, Collingsworth, Buenos Aires
500 bgs, International Product Co, Collingsworth, Buenos Aires
8,488 bgs, Tannin Corp, Collingsworth, Buenos Aires
SARDINE MEAL—5,000 bgs, Hoegh Carrier, Kobe
2,000 bgs, Noshiro, Yokohama
SODA NITRATE—6,151 tons, Gisla, Tocopilla and Iquique
SULPHUR—2 cs, American Express Co, City of Newport News, Hamburg
TALLOW, EDIBLE—140 cks, Collingsworth, Buenos Aires
TANKAGE—1,000 bgs, Collingsworth, Buenos Aires
TURMERIC FINGERS—134 bgs, Lina L D, Madras

Baton Rouge Imports

GASOLINE—50 drms, George W Barnes, Tampico
PETROLEUM, CRUDE—2,650,275 gls, George W Barnes, Tampico

Boston Imports

ACID, CRESYLIC—9 drms, 4 tons, 6 cwt, 2 qtrs, 24 lbs, City of Flint, Liverpool
BLUE, ULTRAMARINE — 4 cks, Stone & Downer, Beemsterdijk, Rotterdam
CAMPHOR, CRUDE — 1,134 cs, Stone & Downer, Noshiro, Keelung
CASEIN—7 sks, Canadian Victor, Auckland
CASSIA—95 pkgs, H P Winter & Co, Kota Baroe, Padang
COCOA BEANS—3,076 bgs, Compagnie Francaise de l'Afrique Occidentale, New Brunswick, Sassandra
5,000 bgs, 661,380 lbs, Bankers Trust Co, Fernebo, Ilheos
5,000 bgs, 661,380 lbs, Philadelphia National Bank, Fernebo, Ilheos
2,000 bgs, 264,552 lbs, Fernebo, Ilheos
1,000 bgs, 132,276 lbs, Guaranty Trust Co, Fernebo, Ilheos
4,617 bgs, Balfour, Guthrie & Co, New Brunswick, Grand Lahou
1,440 bgs, New Brunswick, Lagos
11,200 bgs, Balfour, Guthrie & Co, New Brunswick, Accra
13,820 bgs, Compagnie Francaise de l'Afrique Occidentale, New Brunswick, Takoradi
3,073 bgs, Compagnie Francaise de l'Afrique Occidentale, New Brunswick, Grand Bassam
10,800 bgs, Compagnie Francaise de l'Afrique Occidentale, New Brunswick, Port Bouet
DYE, ANILIN—3 kegs, 2 cwt, 4 qtrs, 26 lbs, E I du Pont de Nemours, Scythia, Liverpool
EMERY FILLET—1 cs, 2 cwt, 3 qtrs, 25 lbs, Joseph Sykes Bros, City of Flint, Liverpool
9 cs, 3 tons, 9 cwt, 2 qtrs, 7 lbs, Stone & Downer, City of Flint, Liverpool
1 cs, C E Quinn, Scythia, Liverpool
1 cs, Atkinson Haserick & Co, Scythia, Liverpool
CHEMICALS — 200 bgs, 44,753 lbs, Innis, Speiden & Co, Hagen, Hamburg
100 cks, 13,007 lbs, F A Kertess, Hagen, Hamburg
5 cks, 2,976 lbs, Stone & Downer, Hagen, Hamburg
120 drms, 20 cks, Beemsterdijk, Rotterdam
50 cks, Innis, Speiden & Co, Beemsterdijk, Rotterdam
20 cks, Advance Solvents & Chemical Co, Beemsterdijk, Rotterdam
CLOVES—30 bgs, Brown Bros., Harriman & Co, Malayan Prince, Batavia
COLORS—10 cks, Beemsterdijk, Rotterdam (for Montreal)
FORMALDEHYDE SULPHITE—20 kgs, City of Flint, Liverpool
GAMBIER—240 cs, New York Trust Co, Malayan Prince, Singapore
GLASS, SHEET—1 cs, 594 lbs, E F Scheibe & Co, Hagen, Hamburg
WINDOW—50 cs, 4,692 lbs, E F Scheibe & Co, Hagen, Hamburg
GLUE, HIDE, GROUND—140 dble bgs, 15,553 lbs, Hagen, Bremen
GLUESTOCK, FISH SCRAP—1 bbl, Macgregor Fisheries, Yarmouth, Yarmouth
6 bbls, 4 bxs, J R Poole Co, Yarmouth, Yarmouth
HIDE CLIPPINGS—194 bgs, 15 tons, 3 cwt, 1 qtr, 8 lbs, Scythia, Liverpool
GREASE, WOOL—100 bbls, 21 tons, 4 cwt, 25 lbs, First Natl Bank, City of Flint, Liverpool
60 bbls, 12 tons, 18 cwt, 1 qtr, 17 lbs, City of Flint, Liverpool
GUM, COPAL—60 bkts, Kota Baroe, Macassar
MACE—45 cs, Kota Baroe Macassar
MAGNESIA CARBONATE—224 bgs, 5 tons, 3 cwt, 2 qtrs, Schofield, Donald Co, Scythia, Liverpool
MAGNESITE, GRECIAN—40 bbls, Innis, Speiden & Co, Beemsterdijk, Rotterdam
MILK, POWDER—55 bbls, Beemsterdijk, Rotterdam
MUSTARD SEED—300 bgs, 33,598 lbs, Stickney & Poor Spice Co, Hagen, Hamburg
50 bgs, 11,010 lbs, D & L Slade Co, Hagen, Hamburg
NUTMEGS—65 bgs, Kota Baroe, Macassar
OIL, CHINAWOOD—250 drms, Noshiro Maru, Hongkong
COD—100 drms, 44,092 lbs, Liberty, Hamburg
10 drms, 2 tons, 1 cwt, 3 qtrs, 1 lb, Artigas, Glasgow
100 drms, Titania, Hurum
200 cks, Titania, Bergen
13 bbls from Nova Scotia for Gloucester
CODLIVER—200 drms, Charles L Huisking & Co, Inc, Titania, Aalesund
350 drms, United Drug Co, Titania, Bergen
PALM—952 tons, Lever Bros Co, Malayan Prince, Belawan Deli
540 tons, Malayan Prince, Belawan Deli
238 tons, 18 cwt, 10 lbs, Superintendence Co, New Brunswick, Abonema
40 cks, Balfour, Guthrie & Co, New Brunswick, Abonema
PEANUT — 13 drms, Lamont Corliss Co, Beemsterdijk, Rotterdam
SPERM—95 drms, 250 bbls, 71 tons, 3 cwt, 2 qtrs, Artigas, Glasgow
VEGETABLE—2 bbls, 900 lbs, Stone & Downer, Kersten Miles, Soderhamn
PEATMOSS, GRUD—2,550 bls, 478,548 lbs, Hagen, Bremen
1,000 bls, 146,297 lbs, Louis E Page, Hagen, Bremen
550 bls, 61,729 lbs, Liberty, Hamburg
390 bls, 52,425 lbs, Premier Peat Moss Corp, Liberty, Hamburg
PETROLEUM, CRUDE—88,068 bbls, 12,981 tons, Colonial Beacon Oil Co, Athelviking, Caripito
PITCH—6 bbls, 12 cwt, Scythia, Liverpool
POTASH, CHLORATE—400 cks, 100,080 lbs, Uniform Chem Prod, Hagen, Hamburg
PRESERVATIVE, WOOD—11 drms, 2 tons, 4 cwt, 2 qtrs, 23 lbs, Cuprinol, Inc, Scythia, Liverpool
SAWDUST—600 bgs, State Chemical Corp, Beemsterdijk, Rotterdam
SEAWEED—3 bgs, 480 bls, 45,745 lbs, Hagen, Hamburg
SESAME SEED—140 bgs, 22,715 lbs, Boston Brokerage Co, Anna Maersk, Shanghai
SHELLAC—25 dbl bgs, 4,201 lbs, Adolphe Hurst & Co, Hagen, Hamburg
50 cs, J Henry Schroeder Banking Corp, Beemsterdijk, Rotterdam
SOAP—50 cs, 2,059 lbs, Contl Products Corp, Exeter, Leghorn
TOILET — 1 cs, Lever Bros Co, Scythia, Liverpool
SODA, HYDROSULPHITE—20 kegs, 2 tons, 5 cwt, 2 qtrs, 24 lbs, City of Flint, Liverpool
STARCH, CHEMICALLY TREATED—520 bgs, Beemsterdijk, Rotterdam
POTATO — 250 bgs, Guaranty Trust Co, Beemsterdijk, Rotterdam
SOLUBLE—100 bgs, Guaranty Trust Co, Beemsterdijk, Rotterdam
TAPIOCA FLOUR—750 bgs, Arnold Hoffman, Maron, Batavia
502 bgs, 112,221 lbs, H P Winter & Co, Maron, Batavia
250 bgs, 55,350 lbs, Rutger Bleecker & Co, Maron, Batavia
316 bgs, Rhode Island Hospital National Bank, Lossibank, Passeroean
250 bgs, Bank of the Manhattan Co, Lossiebank, Cheribon
499 bgs, Arnold Hoffman Co, Lossiebank, Cheribon
250 bgs, H P Winter & Co, Malayan Prince, Cheribon
2,731 bgs, National City Bank, Kota Baroe, Sourabaya
1,070 bgs, Balfour Guthrie & Co, Kota Baroe, Pamanoekan
250 bgs, H P Winter & Co, Kota Baroe, Batavia
PEARL—332 bgs, National City Bank, Kota Baroe, Sourabaya
WAX BLACK—133 bgs, 21,991 lbs, Irving M Sobin Co, Hagen, Hamburg
CRUDE—200 bgs, 33,069 lbs, American Cynamid & Chemical Corp'n, Hagen, Hamburg
MONTAN—225 bgs, 34,722 lbs, Strohmeyer & Arpe Co, Hagen, Hamburg
SKD—1 cs, 272 lbs, American Express Co, Hagen, Hamburg
WOODFLOUR—300 bgs, B L Soberski, Titania, Greaker

Gloucester Imports

GLUESTOCK, FISH SKINS—81,000 lbs, Davis Bros, O K Service 11, Lunenburg, N S
OIL, COD—763 bbls, from Newfoundland
68 bbls, White & Hodges, Lutzen, Bay Bulls, N F

Houston Imports

SOAP—5 drms, Cranford, Liverpool

Los Angeles Imports

AGAR AGAR—2 bls, 30 lbs, Azumasam, Yokohama
AMMONIA, PHOSPHATE—4,000 bgs, 403,200 lbs, Rochelle, Trail
8,700 bgs, 873,600 lbs, Kingsley, Trail
SULPHATE — 10,000 bgs, 1,120,000 lbs, Rochelle, Trail
8,800 bgs, 896,000 lbs, Kingsley, Trail
BLOOD, DRIED—350 bgs, 56,000 lbs, Golden State, Australia
BONE MEAL—2,205 bgs, 224,000 lbs, West Ira, Buenos Aires
BRISTLES—90 lbs, Taiyo, Kobe
CAMPHOR—2 cs, 160 lbs, Kongo, Japan
CANARY SEED—517 bgs, 66,340 lbs, West Ira, Buenos Aires
24 bgs, 3,160 lbs, from Buenos Aires
CARDAMOM—5 pkgs, 560 lbs, President Cleveland, Madras
CASSIA—57 pkgs, 6,520 lbs, Tabian, Padang
ROLLS—55 bls, 7,330 lbs, President Cleveland, Hongkong
CHEMICALS—4 cs, 110 lbs, Azumasan, Yokohama
10 cs, 600 lbs, Naruto, Yokohama
16 cs, 580 lbs, Azuma, Yokohama
2 cs, 120 lbs, Azumasan, Kobe
SALT—20 kegs, 2,200 lbs, Weser, Hamburg
CHILLIES—450 bgs, 42,500 lbs, Shunten, Kobe
COCONUT—200 bgs, 30,000 lbs, San Anselmo, Cebu
DESS—20 pkgs, 2,000 lbs, President Cleveland, Manila
COPPERAS—22,160 lbs, Weser, Antwerp
COPRA—2,240,000 lbs, Golden Star, Legaspi
1,109,280 lbs, Golden Star, Manila
MEAL — 484 bgs, 43,700 lbs, Pleasantville, Manila
9,900 bgs, 991,150 lbs, President Coolidge, Manila
31,660 bgs, 3,167,540 lbs, Golden Star, Manila
DRUGS, CRUDE—82 pkgs, 3,280 lbs, Tai Ping Yang, Yokohama
FERTILIZER—500 bgs, 50,000 lbs, Shunten, Kobe
500 pkgs, 98,560 lbs, Nebraska, Glasgow
10,000 bgs, 1,008,000 lbs, Weser, Paris
1,500 bgs, 150,000 lbs, Shunten, Kobe
FISH MEAL—4,600 bgs, 460,000 lbs, Shunten, Kobe
GELATIN, EDIBLE—20 cs, 2,000 lbs, Oakland, Brussels
GINGER, UNGROUND—25 pkgs, 4,430 lbs, Nebraska, Kingston
GLASS, SHEET—112 cs, 12,970 lbs, Oakland, Prague
31 cs, 7,720 lbs, Europa, Prague
GUM, COPAL—200 bskts, 49,400 lbs, Tabian, Dutch East Indies
HOPS—15 bls, 8,360 lbs, Weser, Hamburg
10 pkgs, 5,470 lbs, Weser, Prague
IODINE — 327 kegs, 50,130 lbs, Bokuyo, Tocopilla
LEAD NITRATE—440 lbs, Weser, Antwerp
LINSEED MEAL—2,000 bgs, 200,000 lbs, Shunten, Kobe
MEDICINAL PREPS—10 lbs, Azumasan, Yokohama
MENTHOL—2 cs, 100 lbs, Kongo, Japan
OIL, CHINAWOOD—50 drms, 21,000 lbs, Taiyo, Hongkong
75 drms, 30,750 lbs, Norinto, Hongkong
COTTONSEED—1,120,000 lbs, Tai Ping Yang, Hongkong
160 drms, 80,000 lbs, Shunten, Kobe
KAPOCSEED—100 drms, 40,000 lbs, Shunten, Kobe
MINERAL—25 drms, 10,300 lbs, Weser, Hamburg
OLIVE—25 drms, 10,880 lbs, Cellina, Malaga
PALM—1,120,000 lbs, Tabian, Sumatra
1,755,450 lbs, Tabian, Medan
PEANUT—60 pkgs, 4,320 lbs, President Coolidge, Hongkong
PERILLA — 150 drms, 60,000 lbs, Shunten, Kobe
RAPESEED — 160 drms, 64,000 lbs, Naruto, Yokohama
777,040 lbs, Tai Ping Yang, Japan
432,320 lbs, Shunten, Japan
150 drms, 60,000 lbs, Naruto, Kobe
100 drms, 40,000 lbs, Shunten, Kobe
839,810 lbs, Tatsuta, Kobe
50 drms, 20,000 lbs, President Coolidge, Yokohama
RUBBER—3 pkgs, 450 lbs, Noshiro, Singapore
TEASEED—225 drms, 92,250 lbs, Taiyo, Hongkong
39 drms, 15,600 lbs, President Cleveland, Hankow
VEGETABLE—150 drms, 60,000 lbs, Shunten, Kobe
PEPPER—100 bgs, 13,300 lbs, Tabian, Dutch East Indies
PERFUMERY—4 cs, 70 lbs, from France
POPPYSEED—100 bgs, 10,800 lbs, Nebraska, Holland
POTASH, CAUSTIC—10 drms, 5,600 lbs, Weser, Berlin
PYRETHRUM FLOWERS—50 cs, 5,000 lbs, Shunten, Kobe
SALTPETER—20 cks, 11,020 lbs, Weser, Hamburg
SARDINE MEAL—6,000 bgs, 600,320 lbs, Shunten, Kobe
4,000 bgs, 448,000 lbs, Shunten, Tokio
SESAME SEED—8 cs, 300 lbs, Azumasan, Yokohama
236 bgs, 44,800 lbs, Naruto, Hongkong
125 pkgs, 25,000 lbs, President Cleveland, Hongkong
25 bgs, 5,000 lbs, Tai Ping Yang, Hongkong
SOAP, DERRIS POWD—20 cs, 800 lbs, Shunten, Kobe
TOILET—1 cs, 190 lbs, Azumasan, Yokohama
STARCH, POTATO—5 cs, 250 lbs, Shunten, Kobe
SUPERPHOSPHATE—1,600 bgs, 159,040 lbs, Rochelle, Trail
3,200 bgs, 380,800 lbs, Shunten, Kobe
1,600 bgs, 200,010 lbs, Shunten, Japan
TAPIOCA FLOUR—108 bgs, 18,360 lbs, Tabian, Dutch East Indies
TOILET PREPS—3 pkgs, 190 lbs, Azumasan, Yokohama
ZINC, CHLORIDE—110 drms, 21,500 lbs, Weser, Hamburg

New Orleans Imports

BAUXITE ORE—2,222 tons, Aluminum Ore Co, Primo, Georgetown
COCOA BEANS—400 sks, Fruit Dispatch Co, Sixaola, Bocas del Toro
CHEMICALS—72 cks, Advance Solvents & Chemical Corp, Kellewald, Hamburg
COCONUTS—100 sks, Goodman & Beer, Lysefjord, Belize
GUM, CHICLE—382 bls, W Wrigley, Jr, Lysefjord, Belize
HOPS—1 bl, Kellerwald, Bremen
OIL—218 cs, Hibernia National Bank, Istria, Genoa
73 cs, O Taormina, Istria, Genoa
OLIVE—75 drms, West Cobalt, Seville
POLISH, METAL—20 ctns, United Fruit Co, Sixaola, Cristobal
POTASH, CHLORATE — 3,000 cks, Bank of Manhattan, Kellerwald, Hamburg
SODA SULPHATE—5 drms, Shell Petroleum Corp, Kellerwald, Hamburg
VEGETABLE JUICE—30 drms, Aganox Co, Istria, Tampico

Norfolk Imports

CHEMICALS—127 cks, 25 tons, City of Baltimore, London
254 bgs, 23 tons, City of Baltimore, London
FERTILIZER—272 bgs, 26 tons, City of Baltimore, London
PETROLEUM, CRUDE—3,208,016 gls, Standard Oil Co of N J, Persenhone, Tampico
SAGO FLOUR — 1,453 bgs, Thurland Castle, Macassar
SARDINE MEAL—177 bgs, Mitsubishi Shoji Kaiha, Belfast, Kobe

Philadelphia Imports

ACID, CRESYLIC—75 drms, Manchester Division, Manchester
NAPHTHENIC—62 drms, Harshaw Chemical Co, Exilona Constanza
BOG ORE—52,500 kilos, J Henry Schroeder Banking Corp, Winona County, Hamburg
CALCIUM NITRATE—5,000 bgs, Synthetic Nitrogen Products Corp, Titania, Heroen
9,480 bgs, Synthetic Nitrogen Products Corp, Titania, Heroen
181,500 kilos, Synthetic Nitrogen Products Corp, Titania, Heroen
SILICO—60 cnks, Philadelphia National Bank, Collamer, Havre
SILICUM—47 bbls, Titania, Heroen
CARDAMON SEED—61 tins, P H Petry & Co, Castilla, Puerto Barrios
CASEIN—334 bgs, Collamer, Havre
CHALK, CRUDE—500,000 kilos, Collamer, Dunkirk
CLAY, CHINA—854 tons, 11 cwt, Moore & Munger, Montreal City, Fowey
818 tons, 10 cwt, English China Clay Sales Corp, Montreal City, Fowey
106 tons, 1 cwt, 2 qrts, English China Clay Sales Corp, Montreal City, Fowey
9 tons, 19 cwt, 3 qts, 21 lbs, English China Clay Sales Corp, Montreal City, Fowey
BALL—70 tons, 4 cwt, English China Clay Sales Corp, Montreal City, Fowey
BLUE—420 tons, Moore & Munger, Montreal City, Fowey
POTTERS, UNWROUGHT—55 tons, Hammill & Gillespie, Montreal City, Fowey
CHINA STONE, GROUND—52 tons, 17 cwt, English China Clay Sales Corp, Montreal City, Fowey
CORNWALL STONE—147 tons, 19 cwt, English China Clay Sales Corp, Montreal City, Fowey
CORK—40 bls, Armstrong Cork Co, Examiner, Palamos
REFUSE—3,814 bls, Armstrong Cork Co, Motomar, Seville
983 bls, Armstrong Cork Co, Motomar, Lisbon
WASTE—3,809 bls, Armstrong Cork Co, Motomar, San Feliu de Guixols
2,009 bls, Armstrong Cork Co, Motomar, Lisbon
4,160 bls, Armstrong Cork Co, Aldecoa, Faro
8,355 bls, Armstrong Cork Co, Aldecoa, Lisbon
DISCS—60 bls, Armstrong Cork Co, Examiner, Seville
CORKWOOD—904 bls, Armstrong Cork Co, Examiner, Seville
2,070 bls, Armstrong Cork Co, Aldecoa, Faro
8,130 bls, Armstrong Cork Co, Aldecoa, Lisbon
FLAXSEED—5,091 bgs, Bunge & Born, Argentino, Diamenti
1,735,200 kilos, Bunge & Born, Argentino, Diamenti
LICORICE ROOT—9,511 bls, McAndrews & Forbes, Exilona, Izmir
MANIOC MEAL—510 bgs, Stein Hall & Co, Lossiebank, Batavia
MILLETSEED—908 bgs, Bunge & Born, Argentino, Diamenti
MYROBALANS—1,743 pockets, Lina L D, Calcutta
2,987 bgs, Guaranty Trust Co, Lina L D, Calcutta
OIL, COD—200 drms, Titania, Hurum
300 cks, J A McCarthy, Titania, Bergen
CODLIVER — 15 drms, Seaboard Supply Co, Titania, Alessund
20 drms, Looe & Dilworth, Titania, Alessund
100 drms, J A McCarthy, Titania, Bergen
100 drms, Sharp & Dohme, Titania, Bergen
COTTONSEED—975 drms, Argentino, Santos
ESSENTIAL—15 drms, Castilla, Puerto Barrios
OLIVE—325 cs, 175 drms, Motomar, Genoa
5 drms, Examiner, Sfax
PERILLA—1 lot, Mitsui & Co, Noshiro Maru, Kobe
RICE—118 tons, 10 cwt, Moira, Liverpool
OXIDE, RED—300 bbls, F B Vandegrift & Co, Examiner, Malaga
PAPRIKA, 50 bgs, L H Parke Co, Motomar, Alicante
PEATMOSS, 3,950 bls, Winona County, Bremen
2,635 bls, Premier Peat Moss Corp, Cliffwood, Copenhagen
983 bls, Premier, Argosy, Copenhagen
PEPPER, BLACK — 486 pkgs, Lossiebank, Cearhaven
PETROLEUM, CRUDE—100,398 bbls, Gulf Refining Co, Gulfhawk, Las Piedras
108,384 bbls, Gulf Refining Co, Gulfbird, Las Piedras
87,637 bbls, Gulf Refining Co, Gulfwax, Las Piedras
PRODUCTS, REFINED—60 drms, R F Cruikshank Corp, Argosy, Copenhagen
QUEBRACHO EXTRACT — 1,500 bgs, International Products Corp, Culberson, Buenos Aires
SARSAPARILLA ROOT—3 bls, P H Petry & Co, Castilla, Puerto Barrios
TALLOW—526 trcs, Swift & Co, Culberson, Buenos Aires
INEDIBLE — 106 drms, Argentino, Buenos Aires
TANKAGE—1,350 cakes, 20 bgs, Phila Natl Bank, Culberson, Buenos Aires
TAPIOCA FLOUR—500 bgs, Phila Natl Bank, Lossiebank, Cheribon
645 bgs, Guaranty Trust Co, Lossiebank, Batavia
WAX, BEES — 50 bls, William S Scull Co, Motomar, Lisbon
WOODFLOUR—3,000 bgs, B L Soberski, Titania, Greaker
ZIRCONIUM ORE, CRUDE—200 bgs, Foote Mineral Co, Argentino, Santos

Portland, Ore., Imports

CALCIUM NITRATE—1,000 sks, Wilson & George Meyer & Co, Abraham Lincoln, Heroen-Porsgrund
CASSIA—50 bls, S L Jones & Co, General Pershing, Hongkong
COPRA—2,250 tons, Durkee Famous Foods, Michigan, Cebu
FLAXSEED—25 bgs, Loch Katrine, Rotterdam
MANGEL SEED—7 bgs, Oregon Seed Co, Loch Katrine, London
Quantity, Portland Seed Co, Loch Katrine, Rotterdam
OIL, CHINAWOOD—25 drms, D Hecht Co, President Cleveland, Hongkong (transshipment)
CODLIVER—50 drms, Girdwood Shipping Co, Abraham Lincoln, Oslo
50 drms, Kinney Shipping Co, Abraham Lincoln, Oslo
SESAME SEED—25 sks, S L Jones & Co, General Pershing, Hongkong
TANKAGE, GROUND — 5,070 sks, Golden Coast, Wellington

San Francisco Imports

ACID, CRESYLIC—60 drms, San Jose, Newcastle
AGAR AGAR—5 cs, American Trust Co, President Coolidge, Kobe
ALCOHOL, ETHYL—100 drms, Manukai, Honolulu (for Alameda)
AMMONIA PHOSPHATE—600 sks, Balfour, Guthrie & Co, Rochelle, New Westminster (for Oakland)
5,500 sks, Balfour, Guthrie & Co, Rochelle, New Westminster (for Stockton)
SULPHATE—5,400 sks, Balfour, Guthrie & Co, Rochelle, New Westminster (for Stockton)
BEESWAX—24 sks, Manukai, Honolulu
BABASSU NUTS—8,334 sks, Hollywood, Maranhao
3,332 sks, Bank of London & South America, Hollywood, Maranhao
BLEACHING POWDER—35 drms, Wilson & George Meyer & Co, Oakland, Bremen
BONE PHOSPHATE—907 sks, San Jose, Antwerp
BONES, GRANULATED—1,018,630 kilos, bulk, Hollywood, Buenos Aires
9,671 sks, Hollywood, Buenos Aires
BRISTLES—10 cs, H Cone & Co, President Coolidge, Kobe
55 cs, B C Ritchie & Co, President Coolidge, Tientsin
CALCIUM TARTRATE — 661 sks, Europa, Cristobal
232 sks, American Cream Tartar Co, Hollywood, Buenos Aires
CAMPHOR—30 cs, D Altman & Co, President Coolidge, Kobe
CANARY SEED—459 sks, Leikanger, Rosario

CHALK—167 tons, San Jose, Antwerp (for Oakland)
PRECIPITATED—67 sks, H J Baker & Bro, Moveria, Liverpool
CHEMICALS—25 cks, S L Abbot Jr Co, Oakland, Hamburg
300 dms, Oakland, Antwerp
50 cks, Royal Bank of Canada, Oakland, Hamburg
CHILLIES—20 sks, S Ishimitsu Co, Taiyo, Kobe
COCOA BEANS—200 sks, American Trust Co, Leikanger, Para
400 sks, Leikanger, Trinidad
1,200 sks, Vandel Commercial Co, Hollywood, Bahia
300 sks, H A Phillips & Co, Hollywood, Bahia
250 sks, Balfour, Guthrie & Co, Hollywood, Bahia
200 sks, American Trust Co, Hollywood, Bahia
200 sks, Vandel Commercial Co, Hollywood, Port of Spain
200 sks, Oakland, Cristobal
COCONUT, DESIC—314 cs, Tunley & Co, President Coolidge, Manila
371 cs, Dodwell & Co, President Coolidge, Manila
2,228 cs, Durkee Famous Foods, President Coolidge, Manila
500 cs, J E Lowden, President Coolidge, Manila
960 cs, Wood & Selick, President Coolidge, Manila
1,558 cs, Philippine Desiccated Coconut Corpn, President Coolidge, Manila
5,500 cs, Franklin Baker Co, President Coolidge, Manila
220 cs, Connell Bros Co, Tai Ping Yang Davao
547 cs, Durkee Famous Foods, Tai Ping Yang, Manila
COPRA MEAL—284 sks, Adolph Schumann, President Coolidge, Manila
CORK—40 bls, Cellina, Barcelona
EPSOM SALT—305 sks, Bank of America, Oakland, Bremen
FATTY ACID—80 sks, Mitsubishi Shoji Kaisha, Taiyo, Yokohama
500 sks, Mitsubishi Shoji Kaisha, President Coolidge, Yokohama
FLINT PEBBLES—250 sks, Europa, Copenhagen
GINGER ROOT — 83 cs, President Coolidge, Hongkong
GLASS, COLORED—2 cs, San Jose, Antwerp
OPAL—3 cs, San Jose, Antwerp
PLATE—2 cs, Vitrolite Construction Co, Oakland, Bremen
SHEET—10 cs, H Maran, Oakland, Hamburg
WINDOW—20 cs, San Jose, Antwerp
12 cs, San Jose, Antwerp (for Oakland)
10 cs, S Goodman, Moveria, Liverpool
12 cs, Moveria, Liverpool
20 cs, R K Davidson, Oakland, Hamburg
GOURMET POWDER—30 cs, Suen Mark & Co, President Coolidge, Shanghai
HERBS, MEDICINAL—58 bls, Cellina, Genoa
IRON OXIDE — 10 dms, Reichard Coulston, Moveria, Liverpool
LABORATORY APPARATUS—1 cs, Stanford University, Oakland, Hamburg
LARD, VEGETABLE—40 cs, 30 bbls, David B Bereison, President Coolidge, Manila
MEDICINAL PREP'S — 7 cs, Columbia Co, President Coolidge, Hongkong
VETERINARY—4 kegs, Robert Gisler, Oakland, Hamburg
MOLASSES—805 tons, Manukai, Port Allen
OCHER—20 cks, Cellina, Marseilles
OIL, CHINAWOOD—162 tons, Arnhold & Co, President Coolidge, Hongkong
275 tons, W R Grace & Co, President Coolidge, Shanghai
300 tons, Pacific Vegetable Oil Corp, President Coolidge, Shanghai
1,011 tons, Werner G Smith Co, President Coolidge, Shanghai
300 tons, S L Jones & Co, President Coolidge, Shanghai
113 dms, Otto Sales Co, President Coolidge, Hongkong
350 dms, Pacific Vegetable Oil Corp, Taiyo, Hongkong
300 dms, S L Jones & Co, Taiyo, Hongkong
COD—50 dms, Irving R Boody & Co, President Coolidge, Kobe
COTTONSEED—100 dms, Pacific Vegetable Oil Corp, President Coolidge, Kobe
240 dms, Hollywood, Santos
MINERAL—25 dms, Oakland, Hamburg
OLIVE—130 dms, Cellina, Leghorn
850 dms, Parodi Erminio & Co, Cellina, Malaga
400 dms, A Giuriani & Bros, Cellina, Malaga
400 dms, D F de Barnardi, Cellina, Malaga
OIL, OLIVE—100 dms, G Granucci & Sons, Cellina, Malaga
300 dms, Monteverde Parodi, Cellina, Malaga
80 dms, Matteucci & Vanucci, Cellina, Malaga
50 dms, Wm Musante & Co, Cellina, Malaga
50 dms, Alfredo Rossi & Co, Cellina, Malaga
20 dms, Cream Products Co, Cellina, Malaga
30 dms, President Adams, Marseilles
PEANUT—60 cs, Columbia Co, President
PERILLA—155 tons, S L Jones & Co, President Coolidge, Kobe
Quantity bulk, S L Jones & Co, Tai Ping Yang, Kobe
SESAME—9 cs, Wing Hing Chong, President Coolidge, Hongkong
TEASEED—100 dms, Taiyo, Hongkong
VEGETABLE—10 cs, N Fujimoto Co, Taiyo, Shanghai
OXIDE, RED—40 bbls, S Browning & Co, Cellina, Malaga
91 bbls, C J Osborn & Co, Cellina, Malaga (for Oakland)
PEATMOSS—14 bls, Moveria, Glasgow
250 bls, Peat Import Corp, Oakland, Bremen
750 bls, Peat Import Corp, Oakland, Bremen (for Oakland)
POTASH, CHLORATE — 1,000 cks, Uniform Chemical Products, Oakland, Hamburg (for Oakland)
QUEBRACHO EXTRACT — 1,400 sks, International Products Co, Hollywood, Buenos Aires
1,057 sks, Tannin Corp, Hollywood, Buenos Aires
SESAME SEED—75 sks, Bank of California, N A, Tai Ping Yang, Hongkong
56 sks, East Asiatic Co, Taiyo, Hongkong
200 sks, Ernest E Marks Co, Taiyo, Hongkong
SIENNA—20 bbls, Cellina, Leghorn
SILICA SAND—650 tons, Balfour, Guthrie & Co, San Jose, Antwerp (optional discharge Oakland)
200 tons, Balfour, Guthrie & Co, San Jose, Antwerp
FLOUR—204 sks, Chaplain & Babbo, Oakland, Bremen
SODA CHLORATE—1,000 dms, International Selling Corp, San Jose, Havre
SOYBEAN RESIDUE—10 cs, Geo W Reed & Co, Oakland, Hamburg
STARCH—3 cs, Columbia Co, President Coolidge, Hongkong
3 cs, Wing Hing Chong, President Coolidge,
TALLOW—6 bbls, Manukai, Kahului
VEGETABLE—350 pkgs, Arnhold & Co, President Coolidge, Shanghai
244 pkgs, Arnhold & Co, Taiyo, Shanghai
TANKAGE — 2,000 sks, Leikanger, Buenos Aires
TARTAR, RAW—1,003 sks, Bank of California, N A, President Adams, Marseilles
UMBER, BURNT, POW'D—43 cks, Jos A McNulty, President Adams, Port Said
WHITING—376 sks, East Asiatic Co, Europa, Aalborg

Seattle Imports

CALCIUM NITRATE—300 sks, Wilson & George Meyer & Co, Abraham Lincoln, Heroen/Porsgrund
CARAWAY SEED—75 bls, D Hecht Co, Delftdijk, Rotterdam
MEDICINAL PREPS—2 cs, Frank P Dow Co, Delftdijk, London
MUSTARD—10 cs, Atlantic Sales Co, Loch Katrine, London
OIL, CODLIVER—175 dms, Girdwood Shipping Co, Abraham Lincoln, Oslo
PEATMOSS—1,700 bls, Wilson & George Meyer & Co, Abraham Lincoln, Oslo
SODA NITRATE—3,027 sks, Guaranty Trust Co, Cuzco, Tocopilla

Tacoma Imports

CALCIUM NITRATE — 3,000 sks, Wilson & George Meyer & Co, Abraham Lincoln, Heroen/Porsgrund
CHEMICALS — 454 sks, Advance Solvents & Chemical Corp, Abraham Lincoln, Heroen/Poregrund

Tampa Imports

BONE MEAL—1,100 bgs, Antinous, Hamburg
1,102 bgs, Antinous, Antwerp
SALTPETER—1,089 bgs, Antinous, Hamburg

Recent Exports from U. S. Ports

New York Exports

ACETONE—30,640 lbs, Nordlys, London; 28,224 lbs, Tureby, Buenos Aires
METHYL—32,170 lbs, Nordlys, London
ACID, ACETIC—1,339 lbs, Mauna Ala, Honolulu
BUTYRIC—3,204 lbs, American Farmer, London
CITRIC—1,196 lbs, Pastores, Puerto Colombia
HYDROFLUORIC—460 lbs, Toloa, Cartagena
MURIATIC—(Polarland) 11,974 lbs, Ciudad; 9,026 lbs, La Romana; (San Juan) 23,949 lbs, Barahona; 18,190 lbs, Ponce
OXALIC—2,484 lbs, Toloa, Puerto Colombia
ALCOHOL, AMYL—4,902 lbs, Sarcoxie, Havre
BUTYL—3,967 lbs, Sarcoxie, Havre
INDUSTRIAL—440 gls, Sarcoxie, Havre
ALUMINA CHLORIDE, CRYST—4,803 lbs, Aurania, London
ASPHALT—41 tons, Nordlys, Hamburg; 50,102 lbs, Munargo, Nassau; 7,295 lbs, Western World, La Plata; 10,730 lbs, Tureby, Buenos Aires; 113,660 lbs, Santa Inez, Antofagasta; 44,573 lbs, City of Birmingham, Bombay; 44,030 lbs, Independence Hall, Havre; 11,274 lbs, Aurania, London
LIQUID—11,305 lbs, American Farmer, London
BAKING POWDER—8,235 lbs, Gatun, Santiago
BENTONITE—3,060 lbs, Independence Hall, Havre
BLACK, BONE—37,505 lbs, Nordlys, London
BLUE, ULTRAMARINE — 14,083 lbs, Toloa, Cartagena
VITRIOL—21,465 lbs, Iriona, Puerto Cortes; 13,015 lbs, City of Birmingham, Izmir
BRISTLES—2,750 lbs, Nordlys, London
BUTYL ACETATE—2,188 lbs, Sarcoxie, Havre
PROPIONATE—3,600 lbs, City of Winchester, Sydney
CALCIUM, CARBIDE—3,150 lbs, Toloa, Cartagena
CHALK—28,149 lbs, Veragua, Havana
CHEMICALS—12,372 lbs, Transylvania, Glasgow; (Maasdam) 5,871 lbs, Rotterdam; 2,460 lbs, Amsterdam
CLAY—20,400 lbs, American Farmer, London; 10,177 lbs, Western World, Rio de Janeiro
COBALT OXIDE—2,237 lbs, Sarcoxie, Dunkirk
COLOR, DRY—10,500 lbs, Munargo, Havana
CORN FLOUR—42,604 lbs, Thurland Castle, Manila; 870 lbs, Iriona, Porto Barrios; 4,267 lbs, Ingrid, St Thomas; 1,821 lbs, Volendam, Mossamedes; 2,923 lbs, Exporter, Melilla
SUGAR — 2,030 lbs, Volendam, Rotterdam-Amsterdam; 4,260 lbs, Gitano, Hull
SYRUP—2,473 lbs, Iriona, Porto Barrios; 45,602 lbs, Gitano, Aberdeen; 1,479 lbs, San Juan, San Juan; 22,822 lbs, Veragua, Havana
COTTONSEED CAKE — 24,140 lbs, Andania, Liverpool
CREAM TARTAR — 123 lbs, Iriona, Porto Barrios
CUBE ROOT, POW'D — 7,440 lbs, Exporter, Algiers
DEXTRIN, CORN—11,320 lbs, Transylvania, Glasgow; 14,200 lbs, Samaria, Liverpool
DICHLORETHYL ETHER — 2,408 lbs, Independence Hall, Havre
DIETHYL SULPHATE — 4,340 lbs, Sarcoxie, Havre
DYES—4,888 lbs, Maasdam, Rotterdam; 16,415 lbs, Yucatan, Vera Cruz; 2,623 lbs, Western World, Montevideo; 54,711 lbs, Black Tern, Antwerp; (Scanmail) 1,612 lbs, Gothenburg; 3,637 lbs, Norrkoeping; 2,030 lbs, Helsingfors
ANILIN—3,645 lbs, Pilsudski, Memel
ETHYLENE COMP—7,481 lbs, Sarcoxie, Dunkirk
DIAMINE—523 lbs, Sarcoxie, Havre
FERTILIZER — (Mauna Ala) 1,113,200 lbs, Honolulu; 304,800 lbs, Hilo; 203,200 lbs, Mahukona
FILTER SAND—67,180 lbs, Nordlys, London
FORMALDEHYDE—2,736 lbs, Toloa, Porto Colombia
GLASS, WINDOW—5,480 lbs, Toloa, Kingston; 28,307 lbs, Veragua, Havana
GLUCOSE—60,000 lbs, Nordlys, London
GLUE, LEATHER—764 lbs, Samaria, Liverpool
GLYCERIN—595 lbs, Toloa, Guayaquil; 4,953 lbs, Veragua, Guayaquil
CRUDE—25,100 lbs, Vulcania, Trieste
GRAPHITE—24,146 lbs, Nordlys, London
POWDERED—13,201 lbs, Europa, Bremen
GREASE, LUBRICATING—78,826 lbs, Samaria, Liverpool; (Augvald) 28,318 lbs, Haiphong; 4,622 lbs, Saigon; 44,150 lbs, Thurland Castle, Shanghai; (Kwansai) 37,780 lbs, Yokohama; 52,681 lbs, Osaka; 13,043 lbs, Dairen; 14,586 lbs, Kobe; 453,132 lbs, Nordlys, London; 6,702 lbs, Transylvania, Glasgow; 3,346 lbs, Sagaporack, Riga; 5,830 lbs, American Farmer, London; 100,580 lbs, Andania, Liverpool; 5,830 lbs, American Farmer, London; 10,454 lbs, Tugela, Buenos Aires; 83,092 lbs, Quaker City, Manchester; 1,170 lbs, Toloa, Porto Castilla; (Volendam) 5,615 lbs, Rotterdam; 10,700 lbs, Amsterdam; 8,270 lbs, Black Tern, Antwerp; (Gitano) 26,185 lbs, Hull; 17,680 lbs, Europa, Bremen; (Sarcoxie) 4,696 lbs, Havre; 56,564 lbs, Dunkirk; (Scanmail) 960 lbs, Stockholm; 4,685 lbs, Copenhagen; 14,470 lbs, Gdynia; (City of Birmingham) 15,610 lbs, Calcutta; 9,010 lbs, Karachi; 44,650 lbs, Santa Inez, Antofagasta
HEXONE—12,030 lbs, Sarcoxie, Havre
HYDROGEN, PEROXIDE—2,550 lbs, Toloa, Amapala
INK, PRINTING—17,854 lbs, Tueby, Santos
INSECTICIDE—30,126 lbs, Caracas, San Juan; 4,908 lbs, Munargo, Havana; Robin Goodfellow, 2,776 lbs, Tanga
AGRICULTURAL—38,000 lbs, Nordlys, London; 26,010 lbs, Iriona, Porto Cortes
HOUSEHOLD—(Gitano) 19,341 lbs, Hull; 11,820 lbs, Newcastle; 3,501 lbs, City of Birmingham, Bombay; 26,895 lbs, Samaria, Liverpool
ISOPROPYL ACETATE—69,120 lbs, Independence Hall, Havre
ETHER—2,877 lbs, Sarcoxie, Havre
KEROSENE — (Ingrid) 950 gls, St Bartholomew; 650 gls, Santa Marta
LACQUER, PASTE—4,500 lbs, Nordlys, London
THINNER—2,420 gls, City of Birmingham, Calcutta
LARD—38,593 lbs, Berengaria, Southampton; 12,039 lbs, Macabi, Banes; 16,748 lbs, Andania, Liverpool; 49,875 lbs, American Farmer, London; 17,125 lbs, Coamo, San Juan; 10,579 lbs, Munargo, Havana; 144,500 lbs, Ascania, London; (San Juan) 35,500 lbs, San Juan; (Gitano) 258,380 lbs, Hull; 165,760 lbs, Newcastle; 4,963 lbs, Majestic, Southampton
LEAD ARSENATE—12,172 lbs, Augvald, Bilbao
RED—531 lbs, Toloa, Porto Colombia
WHITE—35,056 lbs, Western World, Buenos Aires
LINSEED CAKE—1,100 tons, Nordlys, London; 901,177 lbs, Volendam, Rotterdam; 2,328,803 lbs, Black Tern, Antwerp
LITHOPONE—12,900 lbs, Quaker City, Manchester; 21,500 lbs, Aurania, London
MAGNESIA, METALLIC—70,189 lbs, Nordlys, London; 22,968 lbs, Ausonia, London
OIL, CASTOR—493 lbs, American Farmer, London
COCONUT—4,730 lbs, Polarland, Porto Plata
CORN—(San Juan) 17,164 lbs, San Juan; 1,165 lbs, Humaciao
EDIBLE—2,650 lbs, Iriona, Porto Barrios; 8,742 lbs, Toloa, Porto Colombia
ENGINE—10,923 lbs, Nordlys, London
ESSENTIAL—493 lbs, American Farmer, London; 4,416 lbs, Ascania, London
FLOTATION—1,375 gls, Agwister, Tampico; 1,375 gls, Kirishima, Chinnamp o
LEMON—4,936 lbs, Augvald, Marseilles
LUBRICATING—(Augvald) 4,914 gls, Huelva; 11,950 gls, Lisbon; 1,760 gls, Melilla; 4,455 gls, Marseilles; 4,400 gls, Haiphong; 5,555 gls, Saigon; (Kwansai) 28,21 5gls, Yokohama; 7,645 gls, Yokohama (Osaka) Kobe; 20,350 gls, Osaka; 66,219 gls, Kobe; 26,840 gls, Moji; 15,410 gls, Nordlys, London; 19,236 gls, Transylvania, Glasgow; 4,200 gls, Sagaporack, Stockholm; (Ingrid) 1,375 gls, Point Pitre; 4,400 gls, Guira; 1,100 gls, Pennland, Porto Plata; 7,815 gls, Andania, Liverpool; 1,100 gls, American Farmer, London; (Ascania) 10,500 gls, Newcastle; 30,683 gls, London; 9,385 gls, Tugela, Santos; (Maasdam) 9,870 gls, Rotterdam; 5,400 gls, Amsterdam; 17,825 gls, Quaker City, Manchester; 1,100 gls, Coamo Trujillo City, 22,920 gls, Yucatan, Vera Cruz; 12,210 gls, Fort Amherst, St Johns; (Western World) 1,000 gls, Rio Janeiro; 1,000 gls, Santos; 1,925 gls, Toloa, Porto Castilla; (Volendam) 840 gls, Rotterdam; 2,200 gls, Newcastle; 3,990 gls, Black Tern, Antwerp; 4,730 gls, Pennland, Antwerp; (Gitano) 3,575 gls, Hull; 14,685 gls, Newcastle; (City of Winchester) 3,905 gls, Brisbane; 60,775 gls, Melbourne; 28,105 gls, Sydney; 15,070 gls, Adelaide; 3,410 gls, Veragua, Havana; 4,578 gls, Europa, Bremen; 7,650 gls, Tureby, Rio Janeiro; (City of Birmingham) 56,375 gls, Bombay; 29,535 gls, Calcutta; 16,005 gls, Karachi; (Sarcoxie) 38,346 gls, Havrp; 19,650 gls, Dunkirk; 4,125 gls, Agwistar, Tampico; 4,850 gls, Scanmail Copenhagen; (Santa Inez) 1,925 gls, Antofagasta; 5,175 gls, Coquimbo; 14,145 gls, Talcahuano; 24,035 gls, Valparaiso; 6,265 gls, Gatun, Santiago; 23,730 gls, Samaria, Liverpool; (Exporter) 2,750 gls, Ceuta; 1,230 gls, Oran; 4,995 gls, Algiers; 1,008 gls, Tunis; (Independence Hall) 13,620 gls, Havre; 9,870 gls, Bordeaux; 3,885 gls, Aurania, London; 64,447 gls, Ile France, Havre
NUTMEG—550 lbs, Nordlys, London
OLEO—(Sagaporack) 34,857 lbs, Copenhagen; 44,571 lbs, Helsingborg; 59,926 lbs, American Farmer, London; 23,549 lbs, Andania, Liverpool; 9,040 lbs, Maasdam, Rotterdam; 47,064 lbs, Quaker City, Dublin; 4,691 lbs, Volendam, Rotterdam; 23,178 lbs, Scanmail, Gothenburg; 63,507 lbs, Aurania London
PEPPERMINT — 400 lbs, Nordlys, London; 5,076 lbs, American Farmer, London; 300 lbs, Sarcoxie, Havre
PINE—22,652 lbs, Robin Goodfellow, Lourenco Marques
ROSEWOOD—877 lbs, Augvald, Marseilles
STONE—1,950 gls, Sagaporack, Stockholm
SULPHONATED—2,501 lbs, Samaria, Liverpool
VALVE—2,750 gls, Yucatan, Vera Cruz; 8,140 gls, Agwistar, Tampico
PAINT—6,668 lbs, Augvald, Seville; 9,020 lbs, Thurland Castle, Shanghai; 11,237 lbs, Pastores, Puerto Colombia; 1,516 lbs, Sagaporack, Helsingfors; 2,348 lbs, Iriona, Puerto Barrios; 16,272 lbs, Maasdam, Amsterdam; 59,820 lbs, Western World, Buenos Aires; 10,929 lbs, Pennland, Antwerp; 5,233 lbs, Black Tern, Antwerp; 3,035 lbs, Volendam, Rotterdam; (Toloa) 1,674 lbs, Guayaquil; 2,399 lbs, Buenaventura; 4,438 lbs, Veragua, Havre
ENAMEL—15,522 lbs, Tureby, Buenos Aires
PREPARED—4,767 lbs, Toloa, Puerto Castilla
THINNER—880 gls, Augvald, Lisbon; 3,805 gls, Western World, Buenos Aires; 8,250 gls, Tureby, Buenos Aires
PARAFFIN—5,500 lbs, Augvald, Lisbon; 100,883 lbs, Nordlys, London; 18,238 lbs, Transylvania, Glasgow; 11,100 lbs, Sagaporack, Riga; 20,158 lbs, Polarland, San Pedro; (Tugela) 12,604 lbs, Santos; 33,712 lbs, Buenos Aires; 25,438 lbs, Maasdam, Amsterdam; (Quaker City) 62,032 lbs, Manchester; 45,147 lbs, Liverpool; 13,103 lbs, Munargo, Havana; (Iriona) 20,202 lbs, Retalheu; 20,201 lbs, Puerto Barrios; 8,800 lbs, Toloa, Puerto Colombia; 34,235 lbs, Volendam, Amsterdam; (Gitano) 169,510 lbs, Hull; 13,880 lbs, Newcastle; 12,120 lbs, Veragua, Cienfuegos; 22,081 lbs, Tureby, Rio de Janeiro
SCALE—61,982 lbs, Transylvania, Glasgow; (Quaker City) 254,489 lbs, Cork; 254,489 lbs, Manchester
PECTIN—3,000 lbs, Ascania, London
PETROLATUM, MED—101,474 lbs, Ascania, London
PETROLEUM, REFD—(San Juan) 20,000 gls, San Juan; 3,000 gls, Aguadilla; 5,000 gls, Ponce
RESIN, SYNTH—1,751 lbs, American Farmer, London; 1,878 lbs, Sarcoxie, Havre
ROSIN—14,190 lbs, American Farmer, London
SALTPETER—10,354 lbs, Toloa, Cartagena
SOAP—8,000 lbs, Mauna Ala, Hilo; 10,175 lbs, Toloa, Porto Colombia; (San Juan) 11,200 lbs, Ponce; 8,400 lbs, San Juan
LAUNDRY—21,100 lbs, Ingrid, Paramaribo
TOILET—10,408 lbs, Polarland, Ciudad
SODA ASH—10,000 lbs, Kwansai, Kobe; (Nordlys) 100,883 lbs, London; 4,500 lbs, Hamburg; 11,625 lbs, Malmo; 4,750 lbs, Stockholm; 13,475 lbs, Gothenburg; 5,600 lbs, Oslo; 14,350 lbs, Helsingfors; 25,190 lbs, Transylvania, Glasgow; 101,202 lbs, Pastores, Cartagena; 101,161 lbs, Munargo, Havana; 13,699 lbs, Western World, Montevideo; 9,464 lbs, Toloa, Cartagena; 76,500 lbs, Veragua, Havana; 33,570 lbs, City of Winchester, Australia
SODA BICARBONATE—2,575 lbs, Iriona, Porto Barrios; 54,486 lbs, Munargo, Havana; 6,432 lbs, Toloa, Porto Colombia
BICHROMATE—11,125 lbs, Nordlys, London
CALCINATED—57,110 lbs, Nordlys, Copenhagen
CAUSTIC—160,110 lbs, Dagrun, Buenos Aires (Nordlys) 4,000 lbs, Malmo; 4,750 lbs Stockholm; 6,500 lbs, Gothenburg; 4,75 lbs, Oslo; 8,756 lbs, Polarland, Ciudad 155,062 lbs, Tugela, Rio de Janeiro; 71, 944 lbs, Munargo, Havana; 293,015 lbs Yucatan, Vera Cruz; 95,648 lbs, Penn land, Antwerp; 12,896 lbs, San Juan Barahona; (City of Winchester) 55,010 lbs Brisbane; 30,125 lbs, Sydney; 39,750 lbs Gatun, Santiago; 207,360 lbs, Kirishima Osaka
HYPOSULPHITE—11,286 lbs, Western World Santos
METALLIC—251,675 lbs, Quaker City, Manchester
PHOSPHATE—22,400 lbs, Gitano, Newcastl
PHOSPHATE TRI — (Scanmail) 16,884 lbs Gothenburg; 16,884 lbs, Stockholm
SAL—6,600 lbs, Ingrid, Guira; 45,267 lbs Munargo, Havana
SILICATE — 11,094 lbs, Polarland, Ciudad 46,679 lbs, Munargo, Havana; 35,057 lbs San Juan, Macoris; 50,500 lbs, Veragua Havana
SULPHATE—4,550 lbs, Pastores, Porto Colombia
SOLVENTS—4,817 lbs, American Farmer, London
STARCH, CORN—560 lbs, Ingrid, St Thomas 18,962 lbs, Caracas, San Juan; (San Juan 10,613 lbs, Mayaguez; 1,018 lbs, San Juan 2,251 lbs, City of Winchester, Melbourne 2,100 lbs, Veragua, Limon; 1,950 lbs Gatun, Santiago
STEARIN, OLEO — 12,275 lbs, Transylvania 12,510 lbs, Majestic, Southampton
SULPHUR—1,910 lbs, Toloa, Cartagena
TALC—27 tons, Nordlys, Hamburg; (Gitano 69,990 lbs, Newcastle; 67,070 lbs, Hull 20,200 lbs, Toloa, Cartagena; 22,400 lbs Samaria, Liverpool; 1,079 lbs, Majestic London
TANNING EXTRACT — 40,804 lbs, Samaria Liverpool
TAR—12,677 lbs, Toloa, Puerto Colombia
TOBACCO EXTRACT — 29,260 lbs, Europa Bremen
TURPENTINE—500 gls, Tugela, Rio de Ja
VARNISH—1,886 lbs, Independence Hall, Havr
WITCH HAZEL EXTRACT — 432 lbs, San Juan, San Juan; 992 lbs, City of Winchester, Sydney

Clearance Dates

Agwistar, February 11; American Farmer February 14; Andania, February 7; Ascania February 10; Augvald, February 10; Aurania February 20; Berengaria, February 14; Black Tern, February 15; Caracas, February 5; City of Birmingham, February 13; City of Winchester, February 13; Coamo, February 13 Dagrun, February 13; Europa, February 18 Exporter, February 20; Fort Amherst, February 14; Gatun, February 7; Gitano, February 15; Ile de France, February 20; Independence Hall, February 20; Ingrid, February 8; Iriona February 11; Kirishima, February 14; Kwansai, February 11; Maasdam, February 10; Macabi, February 11; Majestic, February 20 Mauna Ala, February 10; Munargo, January 25; Nordlys, February 13; Pastores, February 13; Penniand, February 7; Pilsudski, February 14; Polarland, February 7; Quaker City, February 15; Robin Goodfellow, January 25; Samaria, February 14; San Juan, February 15 Santa Inez, February 7; Sarcoxie, February 10; Scanmail, January 31; Thurland Castle February 13; Toloa, February 8; Transylvania February 7; Tugela, February 10; Tureby February 13; Veragua, February 13; Volendam February 14; Vulcania, February 14; Western World, February 15

Baltimore Exports

ASPHALT, SOLID—23,948 lbs, City of Baltimore, Hamburg
CADMIUM LITHOPONE—462 lbs, Blommersdijk, Apeldoorn; 7,265 lbs, City of Baltimore, London
DIAMYL PHTHALATE — 4,230 lbs, City o Baltimore, Hamburg
ENAMEL, PORCELAIN FRIT—2,200 lbs, Cit of Baltimore, Stockholm
ETHER—36 lbs, San Bruno, Santa Marta
FURFURAL, TECH—162,500 lbs, City of Baltimore, London
GREASE, LUBRICATING—1,814 lbs, Blommersdijk, Rotterdam; 4,678 lbs, Parnahyba, Rio de Janeiro; 27,000 lbs, City o Baltimore, Susak
INSECTICIDE, POWD—250 lbs, City of Baltimore, Kovno
PAINT, PREP—25 gls, City of Baltimore, Osl
POLISH, AUTO—12,697 lbs, City of Baltimore London
POTASH, BICHROMATE—11,200 lbs, Satartia Buenos Aires; (City of Baltimore) 7,48 lbs, Madras; 7,202 lbs, Calcutta
SAND, PROCESSED—1,100 lbs, City of Baltimore, London
SODA, BICHROMATE—(City of Baltimore 2,205 lbs, Madras; 7,220 lbs, Calcutta
SILICATE—(Bronxville) 30,900 lbs, Shanghai 7,200 lbs, Mukden; 2,400 lbs, Liaoyang
WILD CHERRY BARK — 2,231 lbs, City o Baltimore, London

Clearance Dates

Blommersdijk, February 15; Bronxville, February 19; City of Baltimore, February 20 Parnahyba, February 15; San Bruno, February 24; Satartia, February 14; Tela, February 24

Beaumont Exports

BLACK, CARBON—18 tons, Elmsport, London 12 tons, Havelland, Yokohama/Osaka Kobe
PETROLEUM, CRUDE—8,500 tons, Beaulieu Fiume
SOAPSTOCK, COTTONSEED—14 tons, Elmsport, London

Clearance Dates

Beaulieu, February 11; Elmsport, February 8; Havelland, February 11

Boston Exports

ASBESTOS FIBER—5,499 bgs, Nankai, Japa
BAKING POWDER—15 pls, 23 bxs, 1,350 lbs to Newfoundland
CEMENT, CAN—1 pkg, 20 lbs, Yarmouth Saint John
CANVAS—1 pl, 5 gls, Darien, Kingston
CHEMICALS—1 bx, 300 lbs, Samaria, Manchester
CLEANING COMP—50 cs, 1,150 lbs, to Newfoundland; 75 cs, 888 lbs, Yarmouth, Hal fax
CUTTLEFISH BONE—1 bx, 31 lbs, Yarmouth Halifax
DISINFECTANT—10 dms, 4,680 lbs, Tela Havana
DRESSING, BELT—1 ctn, 6 gls, Yarmouth Yarmouth
LEATHER—3 cs, 14 gls, Tela, Havana
SHOE—2 bbls, 37 cs, 334 gls, Tela, Havan
DRUGS, DRY—1 ctn, 6 lbs, Yarmouth, Hali fax
DRYER—10 dms, 498 gls, to Newfoundland

LUE—1 bx, 17 lbs, Tela, Port Limon
MARINE—1 bbl, 3 gls, Varmouth, St John
WATERPROOF—1 kg, to Newfoundland
LUCOSE—2 pls, 50 lbs, Tela, Corozal
REASE—6 dms, 3 bbls, 3 hlf bbls, 1,480 lbs, Samaria, Coventry
NK,MARKING—1 cs, 9 lbs, Tela, Havana
PRINTING—(Cold Harbor) 100 dms, 44,492 lbs, Manchester; 100 dms, 44,480 lbs, Glasgow; 2 cs, 154 lbs, Samaria, Manchester
WRITING—17 pkgs, 640 lbs, Tela, Havana; 7 pkgs, 406 lbs, Darien, Kingston
IME, PHOSPHATE—5 bbls, 1,625 lbs, to Nova Scotia
EDICINAL PREP'S—9 straps, 243 lbs, Tela, Havana
OLASSES—40 bbls, 25,929 lbs, Samaria, Liverpool
IL, LUBRICATING—2 cs, 713 lbs, to England
MINERAL—3 bbls, 159 gls, to Newfoundland
AINT—4 cs, 20 gls, to Newfoundland
BITUMINOUS—30 pkgs, 1,650 gls, to England
ARAFFIN—193 bgs, 44,880 lbs, Cold Harbor, Manchester
ASTE, ADHES—1 pkg, 24 lbs, Tela, Fort Sherman
LINOLEUM—1 pkg, 6 gls, Yarmouth, St John
EANUTS—175 bgs, 22,300 lbs, Samaria, Liverpool
ITCH, COALTAR—183 dms, 25 tons, Samaria, Liverpool
MARINE GLUE—1 pkg, 6 lbs, Yarmouth, St John
POLISH, SHOE—(Tela) 1 bx, 4 cs, 261 lbs, Havana; 40 ctn, 348 lbs, Panama City
STOVE—1 ctn, 45 lbs, Yarmouth, Yarmouth
OSIN, PHENOL—2 dms, 375 lbs, to England
SYNTHETIC—1 cn, 5 lbs, to England
WOOD—10 bbls, to Newfoundland
OAP—1 cs, 47 lbs, Samaria, Liverpool
FLAKE—55 cs, 1,830 lbs, Tela, Havana
UBMARINE LIQUID—10 dms, 540 gls, to Newfoundland
ULPHUR, COLLOIDAL—1 cn, 50 lbs, Darien, Kingston
OILET PREP'S—1 cs, 18 lbs, Samaria, Nottingham
URPENTINE, GUM—10 dms, 22 cs, 746 gls, to Newfoundland; (Yarmouth) 3 bbls, 152 lbs, Yarmouth, Yarmouth
10 dms, 3,920 lbs, Yarmouth, St John
WOOD—5 dms, 288 gls, to Newfoundland
ARNISH—10 dms, 540 gls, to Newfoundland
WATERPROOFING LIQUID—1 pkg, 3 gls, Yarmouth, St John

Clearance Dates

Cold Harbor, February 11; Darien, February 7; Nankai, February 13; Samaria, February 6; Tela, February 12; Yarmouth, February 8; 5; 19

Galveston Exports

BLACK, CARBON—6,000 bgs, Monrosa, Genoa
MOLYBDENITE—220 tons, Nevada, Havre

Clearance Dates

Monrosa, February 13; Nevada, February 17

Houston Exports

BLACK, CARBON—(Udderholm) 127 cs, Gothenburg; 150 cs, Copenhagen; 101 cs, 655 bgs, Gdynia; 200 bgs, Monrosa, Genoa; (Comedian) 6,720 bgs, Manchester; 16,340 bgs, Liverpool-Manchester; 1 cs, Hull; 150 bgs, Mar Negro, Barcelona; 53 cs, Taurus, Oslo; 50 tons, Nevada, Havre; (Colorado Springs) 502 cs, Shanghai; 40 cs, Hongkong
COTTONSEED MEAL—251 sx, Taurus, Oslo
FERTILIZER—55 tons, Commercial Alabaman, Havana
GASOLINE—7,850 tons, Atlantic, Massaua
GLASS—(Commercial Alabaman) 5 tons, Havana; 1 ton, Ciudad, Trujillo
GRAPEFRUIT JUICE — 200 bbls, Nevada, Havre
OIL, FUEL—8,000 tons, Bianca, Italian ports
GAS—3,000,000 gls, Elsa, Havre; 2,100 tons, Atlantic, Massaua
LUBRICATING—6 bbls, Udderholm, Oslo; (Monrosa) 65 bbls, Alexandria; 65 bbls, Naples; 95 bbls, Nevada, Havre; 9 bbls, Commercial Alabaman, Puerto Colombia; 55 bbls, Colorado Springs, Osaka

Clearance Dates

Atlantic, February 18; Bianca, February 14; Colorado Springs, February 15; Comedian, February 14; Commercial Alabaman, February 5; Elsa, February 13; Mar Negro, February 5; Monrosa, February 14; Nevada, February 5; Taurus, February 15; Udderholm, February 13

Los Angeles Exports

ACID, BORIC—12 bgs, 1,340 lbs, Golden State, Sydney; (Mariposa) 25 bgs, 2,800 lbs, Sydney; 100 bgs, 22,200 lbs, Melbourne; 60 bgs, 6,720 lbs, Auckland
ASPHALT—95 dms, 47,040 lbs, Santa Elena, Guayaquil
CRUDE—1,021 bgs, 203,070 lbs, Cellina, Seville
BORAX—714 bgs, 79,970 lbs, Mariposa, Melbourne
CLEANING COMP—1 cs, 100 lbs, Pacific Pioneer, London
GASOLINE—(Vivi) 22,759 bbls, 5,940,100 lbs, Balboa; 50,125 bbls, 13,082,630 lbs, Valparaiso; 99,478 bbls, 25,963,760 lbs, Acavus, London
GREASE, LUBRICATING—9 pkgs, 1,280 lbs, Santa Elena, Mazatlan
GUM, BENZOIN—10 cs, 1,000 lbs, Santa Elena, Paramaribo
CHICLE—136 bbls, 35,280 lbs, Mariposa, Sydney
GYPSUM—560 bgs, 56,000 lbs, Mariposa, Auckland
INFUSORIAL EARTH—896 bgs, 89,600 lbs, Golden State, Auckland; 270 bgs, 26,880 lbs, Cellina, Seville; 10 bgs, 1,120 lbs, Santa Elena, La Libertad; 500 sx, 50,000 lbs, President Cleveland, Havana; 185 bgs, 17,920 lbs, Pacific Pioneer, London
KEROSENE—(Golden State) 10 dms, 150 cs, 16,460 lbs, Wellington; 25 dms, 255 cs, 30,520 lbs, Auckland; 1,472 bbls, 419,520 lbs, Vivi, Balboa
LARD—59 cks, 5,800 lbs, Santa Elena, Havana
MEDICINAL PREPS—25 bxs, 980 lbs, Pacific Pioneer, London
OIL, DIESEL—531 bbls, 165,670 lbs, Antigua, Puerto Armuelles
FUEL—39,909 bbls, 13,289,700 lbs, Gertrude Kellogg, Hondagua; 79,979 bbls, 26,633,010 lbs, Kyokuto, Kure; 71,534 bbls, 23,820,820 lbs, San Diego, Kure; 31,950 bbls, 10,639,350 lbs, Santa Maria, Ioco; 55,942 bbls, 18,628,690 lbs, Erimo, Japan
LEMON—7 cs, 350 lbs, Mariposa, Auckland
LUBRICATING—3 dms, 1,160 lbs, Mariposa, Suva; 2 dms, 970 lbs, Santa Elena, Mazatlan
SPEARMINT—2 dms, 770 lbs, Mariposa, Sydney
PAINT—16 pkgs, 1,370 lbs, Mariposa, Adelaide
ENAMEL—167 cs, 13,760 lbs, Santa Elena, Balboa
PREPARED—16 pkgs, 1,370 lbs, Mariposa, Adelaide
PECTIN CITRUS—1 bbl, 200 lbs, Mariposa, Melbourne
PINETAR—50 dms, 26,500 lbs, Mariposa, Melbourne
ROSIN, GUM—17 dms, 6,800 lbs, Mariposa, Sydney
SODA ASH—(Santa Elena) 200 bbls, 60,000 lbs, Havana; 50 bgs, 10,000 lbs, San Jose
CAUSTIC—100 cs, 6,350 lbs, Mariposa, Auckland
TOILET PREP'S—(Mariposa) 1 cs, 150 lbs, Dunedin; 3 cs, 300 lbs, Christchurch; 2 cs, 150 lbs, Suva; 4,000 lbs, Moveria, London; 1,200 lbs, Santa Elena, Havana; (Mariposa) 2 cs, 100 lbs, Melbourne; 2 cs, 100 lbs, Auckland
TRIPOLI—140 sks, 22,400 lbs, Mariposa, Sydney
TURPENTINE—100 cs, 8,500 lbs, Golden State, Wellington; 6 dms, 2,750 lbs, Mariposa, Auckland

Clearance Dates

Acaous, February 12; Antigua, February 8; Aurora, February 18; Cellina, February 8; Charcas, January 31; Erimo, February 13; Gertrude Kellogg, February 13; Golden State, February 4; Kyokuto, February 10; Mariposa, February 5; Moveria, February 12; Pacific Pioneer, February 8; Pacific Ranger, February 6; President Cleveland, February 11; San Diego, February 10; Santa Elena, February 8; Vivi, February 11

Mobile Exports

ASPHALT—(Wacosta) 410 bgs, London; 466 bgs, Havre
FIRECLAY—600 bgs, Wacosta, Havre
OIL, FUEL—1,600 bbls, Vestvangen, Paramaribo
ROSIN—35 bbls, Delmar, Montevideo; 100 bbls, Wacosta, London; 425 bbls, Monstella, Genoa
SCOURING COMP — (Vestvangen) 26 bdls, Kingston; 30 cs, Port of Spain

Clearance Dates

Delmar, February 15; Monstella, February 10; Vestvangen, February 17; Wacosta, February 7

New Orleans Exports

ACID, ACETIC—18 tons, West Ekonk, Liverpool
BAKING POWDER—100 ctns, Lysefjord, Belize
BLACK, CARBON — (West Ekonk) 5 tons, Liverpool-Manchester; 101 tons, Manchester; (Cranford) 108 sx, 50 cs, Bremen-Hamburg; 160 cs, Hamburg; (Nashaba) 5 tons, Dublin; 7 tons, Glasgow; (Bilderdijk) 25 tons, London; 7 tons, Antwerp; 6 tons, Rotterdam; 1 ton, Amsterdam; 9 tons, Antwerp-Ghent-Rotterdam-Amsterdam; 3 dms, Gansfjord, Belize
EARTH—400 sx, Lysefjord, Santiago
BENZOL—137 tons, Marina O, Naples
CATTLE HOOFS—595 sx, Cranford, Hamburg
COCOA WASTE—80 tons, Bilderdijk, Amsterdam
COTTONSEED MEAL—10 sx, Santa Marta, Puerto Castilla
DISTILLATE—50 dms, Gansfjord, Belize
FIRECLAY—3 tons, Bilderdijk, Rotterdam; 155 tons, Santa Marta, Callao
GASOLINE—(Gansfjord) 200 dms, Santiago; 517 dms, Puerto Cortez; 200 dms, 800 cs, Belize; 50 cs, 135 dms, Baja California, Bluefields; (Lysefjord) 200 dms, Puerto Barrios; 150 dms, Puerto Castilla; 100 dms, Tela
GREASE, LUBRICATING—20 qtr dms, Santa Marta, Guayaquil
KEROSENE — 800 cs, 120 dms, Gansfjord, Kingston; 45 dms, 300 cs, Baja California; Bluefields; (Lysefjord) 400 cs, Kingston; 200 cs, Puerto Castilla; 500 cs, Tela; 50 cs, Belize; (Santa Marta) 75 cs, Puerto Limon; 200 cs, Puerto Castilla
LARD—(Santa Marta) 210 dms, 50 crts, Havana; 100 tins, Panama; 8 trcs, Panama City
LIME PHOSPHATE—103 tons, Nashaba, Dublin
OIL, DIESEL—9,230 tons, Carina, Lands End
FUEL—25 dms, Baja California, Bluefields
REFINED—10 dms, 30 cs, Gansfjord, Puerto Barrios
LUBRICATING—169 tons, Marina O, Naples; 24 tons, West Ekonk, Liverpool; 18 tons, Nashaba, Glasgow; 7 dms, Baja California, Bluefields; 3 dms, Gansfjord, Belize
PAINT—31 cs, 14 crts, Baja California, Bluefields
PARAFFIN—(West Ekonk) 27 tons, Liverpool; 348 tons, Manchester; 712 sks, Cranford, Hamburg
PITCH—4 dms, Santa Marta, Puerto Colombia
PRESERVER, WOOD—(Santa Marta) 22 dms, 7 cs, Havana; 6 dms, Callao
ROSIN—23 tons, Nashaba, Glasgow; 10 dms, Santa Marta, Panama City
GUM—(Santa Marta) 200 sks, 160 dms, Cartagena; 50 dms, 100 bbls, Puerto Colombia
WOOD—20 dms, Santa Marta, Puerto Limon
SALT—50 sks, Lysefjord, Belize; 60 tons, Santa Marta, Havana
SHRIMP BRAN—(Santa Marta) 20 sks, Cristobal; 80 sks, Panama
SILICA SAND—42 tons, Santa Marta, Callao
SOAPSTOCK, COTTONSEED—43 tons, West Ekonk, Manchester; 9 tons, Nashaba, Belfast
STARCH—54 tons, West Ekonk, Manchester
TRIPOLI—135 tons, West Ekonk, Manchester
WAHOO ROOT—1 ton, Bilderdijk, Rotterdam
WAX—100 tons, Marina O, Genoa; 377 sks, Santa Marta, Puerto Colombia

Clearance Dates

Baja California, January 4; Bilderdijk, February 1; Carina, February 11; Cranford, February 5; Gansfjord, January 23; Lysefjord, January 8; Marina O, February 8; Nashaba, February 6; Santa Marta, January 23; West Ekonk, Februry 7

Norfolk Exports

AMMONIA SULPHATE—1,000 tons, Belfast, Kobe
MEDICINAL PREP'S—8 pkgs, 486 lbs, Black Falcon, Antwerp
MICA, PULV—200 bgs, 20,200 lbs, Black Falcon, Antwerp
MONOCHLOROBENZOL—67 dms, 37,200 lbs, Black Falcon, Antwerp
TANNING EXTRACT, POWD—303 bgs, 45,330 lbs, Black Falcon, Antwerp

Clearance Dates

Belfast, February 15; Black Falcon, February 14

Panama City Exports

PEANUT CAKE—2,090 sks, Antinous, Hamburg
STARCH—440 bgs, Hastings, Liverpool
CORN—440 bgs, West Madaket, London
POWDERED—2,400 bgs, West Madaket, London

Clearance Dates

Antinous, February 16; Hastings, February 13; West Madaket, February 16

Philadelphia Exports

ACID, PHOSPHORIC—15 bbls, Black Heron, Antwerp
ALUMINA SULPHATE—3,968 bgs, Argentino, Montevideo; 560 bgs, City of Winchester, Brisbane
ASPHALT—30 bbls, Estrella, Marseilles
PETROL—12 dms, City of Winchester, Sydney
BARIUM SULPHATE—11 cks, City of Winchester, Sydney
BATTERY SEALING COMP—2 cs, East Indian, Buenos Aires
BLACK, BONE—7 bgs, Malaren, Stockholm, 40 pkgs, Jeff Davis, Sydney
CALCIUM SILICIDE—40 bbls, 1 dm, Carplaka, Gothenburg
CEMENT, FIBER—(East Indian) 3 dms, Santos; 7 dms, Buenos Aires; 1 dm, Minnequa, Copenhagen
RUBBER—7 dms, East Indian, Santos; 7 dms, Minnequa, Copenhagen
CHEMICALS — 1 dm, Independence Hall, Havre; 50 bgs, 5 cs, Jeff Davis, Shanghai
CHROME ORE—2,234,380 lbs, Giulia, Genoa
CLEANING PREP—2 bxs, Estrella, Lisbon; 1 dm, Ingram, Wein
COALTAR PROD—7 pkgs, Manchester Exporter, Huddersfield
COCOA CAKE—1,326 bgs, Black Heron, Amsterdam; 846 pkgs, 575 pkgs, Spaarndam-Amsterdam
WASTE—799 bgs, Black Heron, Amsterdam
COLORS—1 pkg, Manchester Exporter, Manchester
COALTAR—2 bbls, 12 dms, 6 pls, Estrella, Lisbon; 15 pkgs, Black Heron, Rotterdam
COMPOUND—4 dms, Independence Hall, Havre
DRUGS, CRUDE—1 bbl, 1 cs, Ingram, Hamburg
DYESTUFFS, DRY—12 bbls, Nankai, Kobe
ENAMEL—1 ctn, 15 kits, 5 dms, Estrella, Lisbon
ETHYL FLUID—58 dms, Ingram, Hamburg
FERRO MANGANESE — 1 dm, Ashburton, Auckland
FINISH—26 ctns, Estrella, Lisbon
LEATHER—4 ctns, Estrella, Lisbon
GASOLINE—(New Toronto) 4,100 cs, Takoradi; 825 cs, Saltpond; 4,100 cs, Accra; 1,000 cs, Lome; 10,000 cs, Lagos; 7,050 cs, Dakar; 2,000 cs, Conakry; 1,000 cs, Freetown; 2,000 cs, Port Bouet; 1,000 cs, Port Harcourt; 250 cs, Calabar; 2,000 cs, Santa Isabel; 1,500 cs, Duala; 1,500 cs, Kribi; 63,704 bbls, Campas, Malaga; (Ingram) 1 pkg, Almas Fuzito; 1 pkg, Prague
GLUE—15 bxs, Carplaka, Stockholm
GREASE—1 dm, 7 kegs, 13 pls, 2 cs, Independence Hall, Havre; 3 bbls, Manchester Exporter, Liverpool; (East Indian) 19 dms, Santos; 14 dms, Buenos Aires; 13 dms, Minnequa, Copenhagen; 11 bbls, Nankai, Osaka
LUBRICATING — (New Toronto) 75 cs, 10 dms, Dakar; 5 cs, Santa Isabel; (Malaren) 10 bbls, Gothenburg; 10 bbls, 1 box, Oslo; 100 pkgs, Manchester Exporter, Manchester; (Jeff Davis) 30 cs, 10 bbls, Brisbane; 60 bbls, Sydney; 75 bbls, Melbourne; 25 bbls, Adelaide; 7 dms, 6 kegs, 12 pls, Carplaka, Gothenburg; (Cold Harbor) 30 cs, Liverpool; 32 cs, Glasgow; 1 pkg, Spaarndam, Rotterdam; 4 pkgs, City of Winchester, Brisbane
INSECTICIDE—15 pkgs, Spaarndam, Heemstade
IRON OXIDE—15 bbls, Carplaka, Copenhagen
KEROSENE—500 cs, Exporter, Melilla
LARD—125 pkgs, Manchester Exporter, Manchester; 75 tcs, Cold Harbor, Manchester
LICORICE MASS—15 cs, Black Heron, Rotterdam; 25 cs, Ingram, Darmstadt
LINSEED CAKE—(Black Heron) 2,919 bgs, Antwerp; 6,415 bgs, Rotterdam; 1,464 pkgs, Spaarndam, Rotterdam
MEDICINAL PREP'S—1 pkgs, Spaarndam, Rotterdam; 25 ctns, Black Heron, Antwerp
OIL (Independence Hall) 157 bbls, 18 cs, Havre; 95 bbls, Bordeaux; 40 bbls, Manchester Exporter, Liverpool; 8 dms, Minnequa, Copenhagen; 1 cs, Ingram, Hamburg
FUEL—2 dms, New Toronto, Freetown
ILLUMINATING—(New Toronto) 2,100 cs, Takoradi; 225 cs, Saltpond; 1,100 cs, Accra; 600 cs, Lome; 1,500 cs, Lagos; 2,540 cs, Dakar; 800 cs, Freetown; 500 cs, Calabar; 300 cs, Santa Isabel; 500 cs, Duala; 500 cs, Kribi
LUBRICATING—(New Toronto) 15 pkgs, Grand Bassam; 123 pkgs, Takoradi; 20 pkgs, Lome; 50 dms, 316 pkgs, Lagos; 37 dms, 150 cs, 12 pkgs, Dakar; 10 pkgs, Ramako; 2 pkgs, Conakry; 24 dms, 10 pkgs, Freetown; 290 pkgs, Port Bouet; 55 pkgs, Port Harcourt; 10 pkgs, Calabar; 182 pkgs, Nigeria; 10 pkgs, Degama; 30 cs, Duala; 17 pkgs, Victoria; (Malaren) 1 hf-bbl, 7 dms, 6 crts, Stockholm; 2 bbls, 20 dms, Oslo; (Exporter) 40 dms, 60 bbls, Casablanca; 150 dms, Tangier; 2 dms, Oran; 10 dms, Algiers; 30 bbls, 36 cks, 1 cs, Tunis; (Manchester Exporter) 75 bbls, 135 pkgs, Liverpool; 230 kgs, Birkenhead; 105 pkgs, Manchester; (Jeff Davis) 65 dms, 125 pls, Brisbane; 140 pkgs, 10 dms, Sydney; 6 bbls, 25 dms, 2,062 pkgs, Melbourne; 10 pkgs, Adelaide; 115 bbls, Estrella, Marseilles; 45 pkgs, Minnequa, Gdynia; (Nankai) 35 dms, Yokohama; 420 dms, Yokohama or Osaka; 60 dms, Osaka; 20 dms, Moji; (Carpkaka) 50 dms, Gothenburg; 5 dms, 40 bbls, 26 dms, Stockholm (Cold Harbor) 25 bbls, Liverpool; 422 bbls, Glasgow; (Bristol City) 10 bbls, Bristol; 18 bbls, Cardiff; 81 bbls, 18 drms, 125 bbls, 1 cs, 115 dms, 70 bbls, Black Heron, Antwerp; (Ashburton) 257 pkgs, Auckland; 12 pkgs, Wanganui; 104 pkgs, Dunedin; 41 pkgs, Lyttleton; 11 pkgs, Timaru; 17 pkgs, New Plymouth; 48 pkgs, Bluff; 226 pkgs, Wellington; 1,560 pkgs, Sydney; (Spaarndam) 109 pkgs, Rotterdam; 48 pkgs Heemstade; 5 pkgs, Amsterdam; City of Winchester) 270 pkgs, Brisbane; 65 dms, 654 pkgs, Sydney; 1,399 pkgs, Melbourne; 902 pkgs, Adelaide; 48 pkgs, Rockhampton; 35 pkgs, Hobart; 25 pkgs, Geelong; 27 pkgs, Launceston; (Ingram) 469 dms, 230 bbls, 238 pkgs, Hamburg; 141 pkgs, Vienna; 56 pkgs, Almas Fuzite; 1 pkg, Kagran; 5 pkgs, Akureyri; 323 pkgs, Prague; (Giulia) 2,480 pkgs, Genoa; 307 pkgs, Ibos Brod
NEATSFOOT—(Estrella) 14 bbls, Barcelona; 10 bbls, Marseilles
PAINT—(East Indian) 2 cs, 92 dms, 325 pls, Santos; 1 cs, 408 pls, 116 dms, Buenos Aires; 1 cs, 8 dms, 1 pl, Quaker City, Cork; 15 bxs, 28 kits, 11 ctns, 3 dms, Estrella, Lisbon; 1 cs, 165 pls, 20 dms, Minnequa, Copenhagen
REMOVER—1 dm, Estrella, Lisbon
PARAFFIN—408 bgs, Exporter, Casablanca; 375 bgs, Jeff Davis, Hongkong; (Minnequa) 620 bbls, Gothenburg; 81 bbls, Copenhagen; 620 bbls, Carplaka, Gothenburg; 853 bbls, Bristol City, Bristol; 496 bbls, Ingram, Hamburg
PASTE, WOOD FILLER—1 dm, Estrella, Lisbon
PHENOL—25 dms, Black Heron, Rotterdam
POLISH—(East Indian) 12 pls, Santos; 9 pls, Buenos Aires; 1 dm, 12 bxs, Estrella, Lisbon
PRIMER—2 bxs, Estrella, Lisbon
RAPESEED MEAL—4,100 bgs, Black Heron, Antwerp
SAND, FILTER—75 bgs, Carplaka, Copenhagen; 227 bgs, 58 dms, Nankai Maru, Kobe
SOAP, LAUNDRY—300 bxs, Cold Harbor, Glasgow; 300 bxs, Bristol City, Bristol
SODA ASH—2 dms, 1 bx, Malaren, Oslo; 9 dms, Jeff Davis, Sydney; 1 bx, Cold Harbor, Liverpool
SURFACER—6 ctns, 5 kits, Estrella, Lisbon
TANNING EXTRACT—10 bbls, City of Winchester, Sydney
MATL, DRY—15 bbls, Nankai, Yokohama; (City of Winchester) 25 bbls, Sydney; 6 pkgs, Melbourne
TITANIUM DIOXIDE—1 dm, Ashburton, Auckland
THINNER—15 dms, Estrella, Lisbon
VARNISH—1 pkg, Manchester Exporter, Liverpool; 10 dms, 2 cns, Jeff Davis, Sydney; 1 bx, Estrella, Lisbon
WAX—1 cs, Ingram, Bremen

Clearance Dates

Argentino, February 24; Ashburton, February 11; Black Heron, February 14; Bristol City, February 18; Campas, February 19; Carplaka, February 17; City of Winchester, February 10; Cold Harbor, February 15; East Indian, January 31; Estrella, February 15; Exporter, February 13; Giulia, February 18; Independence Hall, February 13; Ingram, February 15; Jeff Davis, February 15; Malaren, February 15; Manchester Exporter, February 13; Minnequa, February 10; Nankai, February 17; New Toronto, February 13; Quaker City, February 7; Spaarndam, February 14

Port Arthur Exports

ASPHALT—(Comedian) 110 dms, 538 bbls, Liverpool; 1,903 bbls, 1,515 dms, Manchester; 170 dms, 2 bbls, South America, Amsterdam; (Augsburg) 746 dms, Brisbane; 250 dms, Sydney; 750 dms, Melbourne
LIQUID—1 cs, Tillie Lykes, Cristobal
PETROLEUM—2 bxs, Steel Ranger, Karachi; (Padnsay) 5 cs, Port Bouet; 10 dms, 2 bxs, Takoradi; 1 bx, Accra; (Mapia) 10 dms, Colombo; 1,000 dms, 132 cs, Madras
SOLID—5 dms, 4 cs, Tillie Lykes, Cristobal
CLEANER, DRY—15 cs, Padnsay, Dakar
CLEANING SOLVENT—35 dms, Steel Ranger, Calcutta
GASOLINE—100 bbls, Tillie Lykes, Panama City; (South America) 30,615 bbls, Amsterdam; 21,866 bbls, Thameshaven; (Padnsay) 7,100 cs, Port Bouet; 3,050 cs, Salt Pond; 1,500 cs, Freetown; 25,000 cs, Lagos-Apapa; 2,000 cs, Port Harcourt; 2,300 cs, Takoradi; 6,000 cs, Dakar; 2,700 cs, Cotonou; 3,050 cs, Cape Coast; 1,750 cs, Sassandra; 800 cs, Victoria; 1,500 cs, Warri; 2,000 cs, Duala; 17,700 cs, Accra; 3,150 cs, Winnebah; 1,700 cs, Keta; 83,232 bbls, Campoamor, Valencia
GREASE, LUBRICATING—20 ctgs, 50 cs, 125 dms, 14 bbls, Comedian, Manchester; (Steel Ranger) 105 dms, 130 cs, Karachi; 230 dms, 20 cs, Bombay; 10 dms, 5 cs, Colombo; 217 cs, Calcutta; (Tillie Lykes) 5 dms, 2 cs, Colon; 20 dms, Uyuni; 14 dms, 10 cs, Cristobal; 120 dms, 62 cs, South America, Amsterdam; (Padnsay) 70 cs, Port Bouet; 1 cs, Freetown; 10 cs, Lagos-Apapa; 24 dms, 203 cs, Takoradi; 24 dms, 200 cs, Dakar; 35 cs, Sassandra; 20 cs, Victoria; 15 cs, Accra; (Mapia) 10 dms, Colombo; 45 dms, 4 cs, Calcutta; (Augsburg) 310 dms, 20 cs, Brisbane; 305 dms, 340 cs, Sydney; 500 dms, 170 cs, Melbourne; 200 dms, 100 cs, Adelaide
INSECTICIDE—1 dm, Padnsay, Accra
KEROSENE—75 dms, Comedian, Manchester; 20 dms, Steel Ranger, Bombay; 1,000 cs, Tillie Lykes, Colon; (South America) 11,842 bbls, Amsterdam; 7,006 bbls, Thameshaven; (Padnsay) 3,200 cs, Port Bouet; 1,050 cs, Salt Pond; 3,600 cs, Freetown; 1,000 cs, Port Harcourt; 600 cs, Takoradi; 3,500 cs, Dakar; 1,000 cs, Cotonou; 550 cs, Cape Coast; 550 cs, Sassandra; 1,200 cs, Victoria; 3,400 cs, Accra; 1,100 cs, Winnebah; 500 cs, Keta
OIL, DIESEL—(Padnsay) 10 dms, Salt Pond; 50 dms, Freetown; 800 dms, Lagos/Apapa; 250 dms, Port Bouet; 50 dms, Sassandra; 100 dms, Warri; 250 dms, Accra; 90 dms, Winnebah; 50 dms, Keta
FUEL—48,295 bbls, El Cano, Barcelona
LUBRICATING—234 dms, 99 bbls, Comedian, Manchester; (Steel Ranger) 885 dms, 66 cs, Karachi; 3,295 dms, 80 cs, Bombay; 240 dms, 50 cs, Colombo; 950 dms, Madras; 15 dms, 5 cs, Calcutta; 149 bbls, Jomar, Genoa; (Tillie Lykes) 2 dms, Tocopilla; 11 dms, Colon; 20 cs, Uyuni; 47 dms, 76 cs, Cristobal; 60 dms, 65 cs, Havana; 58 dms, 90 bbls, South America, Amsterdam; (Padnsay) 1,000 cs, Marshall; 70 dms, 155 cs, Port Bouet; 10 dms, Freetown; 55 dms, Lagos/Apapa; 55 dms, 20 cs, Takoradi; 127 dms, 65 cs, Dakar; 60 dms, Cotonou; 45 dms, Cape Coast; 1,785 cs, 9 dms, Sassandra; 30 dms, 10 cs, Victoria; 90 dms, 16 cs, Accra; 5 cs, Winnebah; 50 dms, Keta; (Mapia) 150 dms, Colombo; 1,440 dms, 75 cs, 2,887 bbls, Calcutta; (Augsburg) 495 dms, Brisbane; 1,390 dms, Sydney; 1,470 dms, Melbourne; 560 dms, Adelaide
PAINT, PREPARED—(Augsburg) 5 dms, Brisbane; 10 dms, Sydney; 10 dms, Melbourne
PETROLEUM PROD—(Lorraine Cross) 726 cs, Para; 10,000 cs, Cabedello; 3,064 cs, 95 dms, 20 bbls, Pernambuco; 7,350 cs, 70 dms, 448 bbls, Bahia; 1,387 cs, 595 dms, 315 bbls, Santos; 8,340 cs, 55 dms, Rio Grande do Sul; 7,865 cs, 465 dms, 114 bbls, Montevideo; 54 cs, 559 dms, 263 bbls, Buenos Aires
ROSIN, WOOD — (Hedrun) 130 dms, Porto Alegre; 200 dms, Buenos Aires
TURPENTINE SUB—100 cs, Lorraine Cross, Para
WAX—15 cs, Comedian, Manchester; 4,687 bgs, Jomar, Genoa/Naples; (Tillie Lykes) 450 bgs, Arica; 75 bgs, Pacasmayo; 24 bgs, Padnsay, Marshall; (Augsburg) 20 cs, Brisbane; 1,600 bgs, Melbourne

Clearance Dates

Augsburg, February 12; Campoamor, February 6; Comedian, January 27; El Cano, February 3; Hedrun, February 4; Jomar, January 28; Lorraine Cross, January 17; Mapia, February 7; Padnsay, February 5; South America, February 3; Steel Ranger, January 27; Tillie Lykes, January 29

Savannah Exports

CLAY—1,320 bgs, Tulsa, London; 2 bgs, Steel Traveler, Honolulu
ROSIN, GUM—(Tulsa) 275 bbls, Hull, 25 bbls, Antwerp; 958 bbls, Rotterdam; (Port Nicholson) 50 bbls, Brisbane; 600 bbls, 50 dms, Sydney; 595 bbls, Melbourne; 115 bbls, Adelaide; 20 bbls, Fremantle
SIZE, DRY—(Tulsa) 50 bgs, Antwerp; 157 bgs, Rotterdam
WOOD—(Tulsa) 195 bbls, Antwerp; 60 bbls, Rotterdam; (Port Nicholson) 25 dms, Sydney; 50 dms, Adelaide
TURPENTINE, GUM—(Tulsa) 100 bbls, London; 75 bbls, Rotterdam; 200 bbls, Antwerp-Rotterdam; (Port Nicholson) 21 dms, 230 cs, Brisbane; 960 cs, 1 pl, 235 dms, Sydney; 133 dms, 385 cs, Melbourne; 100 pls, 50 cs, 39 dms, Adelaide; 100 pls, 140 cs, 5 dms, Fremantle; 50 cs, Perth
WOOD—10 dms, Port Nicholson, Sydney

Clearance Dates

Port Nicholson, February 12; Siamese Prince, February 19; Steel Traveler, February 15; Tulsa, February 13

(Continued on page 60)

Business Opportunities—Classified

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words.

Payable in advance at 12 Gold Street, New York

Agencies Wanted

SALES COMPANY—operating fourteen years as manufacturers' direct representatives, paint and rubber industries; Ohio, adjacent territory—solicits correspondence with suppliers desiring dependable and permanent contact. Commission only. BOX 218, Oil, Paint and Drug Reporter.

Agents Wanted

SALES AGENCIES open for New England, New Jersey, Pennsylvania, Middle West, West and Southern territories as well as Canada, South and Central American Countries to salesmen or sales organizations calling on manufacturers and jobbers of textile soaps, sulphonated oils and textile, leather and paper chemicals. Strictly commission. Splendid side line for well established specialty men interested in selling chemical specialties of merit and steadily increasing demand. BOX 250, Oil, Paint and Drug Reporter.

PURE CHALK whiting, attractive price and exceptionally economical in oil absorption. Producer wishes to contact representatives throughout the United States to sell on commission basis. Please write BOX 259, Oil, Paint and Drug Reporter, stating territory covered.

Equipment Offered

FOR SALE—2500 tons bone char; liquidation of all machinery and equipment of the Spreckels Sugar Refinery, including: ten Vallez No. 4 filters; twenty four Shriver 32 inch by 32 inch filter presses; seventy-five bronze basket centrifugals: seven Oat & Sons vacuum pans, copper coils; one Swenson and one Oat triple effect evaporators; one Oat quadruple effect evaporator; ten Hersey rotary dryers, 6 feet by 23 feet and 6 feet by 30 feet; thousands of tons of cast iron and steel pipe and fittings, ½ inch to 24 inch; two hundred motors from ¼ to 75 H.P.; complete chemical and research laboratory with complete library; Miscellaneous: vacuum, centrifugal and steam pumps, compressors, engines, boilers, generator sets, blowers, packaging machinery, electrical trucks, screens, scales, tanks, conveyors, bucket elevators, etc. Send for complete details. Address all inquiries to Consolidated Products-Spreckels Liquidation, Yonkers, New York—Telephone Yonkers 2400.

BALL MILL—Practically new, 42-in. by 42-in., silex lined, exposed metal parts, monel. BOX 233, Oil, Paint and Drug Reporter.

FOR SALE—Two 50-gal. Ross heavy duty lead mixers; one new 20-inch Ross stone mill; one 7-inch laboratory mill; one automatic electric weighing machine. BOX 128, Walbrook, Baltimore, Md.

FOR SALE—At real bargain prices. Three and 5-roll Lehman roller mills, horizontal and vertical; also National Equipment roller mills, Hardinge Conical ball mill with superfine air purifier. Union Standard Equipment Co., 318 Lafayette street, New York, N. Y.

FOR SALE—Five Day 800-pound dry mixers, Schutz O'Neill 20-inch limited mill, Day rapid sifter No. 3, Kent 8-inch motor-driven stone mill. BOX 247, Oil Paint and Drug Reporter.

FOR SALE—One 30, one 36-inch stone mill with two 50-gal. and one 75-gal. lead mixer, one 30-inch double grinder burr stone mill, one 150-gal. porcelain lined pebble mill, one new 30-inch stone. Ernst Zobel Co., Brooklyn.

Equipment Offered

LABORATORY JAR mills; pebble mills, several sizes in stock; tray dryer; 500-gallon copper still; powder mixers; 100-gal. jacketed agitated kettle. Edw. W. Lawler, Inc., Durham avenue and L.V.R.R., Metuchen, N. J.

ENAMELINER—Protects interior of hot water tanks, etc. Resists acids and alkalis. Non-explosive. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia, and 15 Moore street, New York.

Equipment Wanted

WANTED—Stokes R or Colton T single punch tablet machine. B. Freedman, 147 N. 3rd street, Philadelphia, Pa.

WANTED—One 2-roll mill complete with explosion-proof motor and solenoid brake. Advise X Y Z, BOX 248, Oil, Paint and Drug Reporter.

WANTED—Used sewing machine suitable for sewing tops of paper bags—Union special machine style 21800 B sewing head style 14500 D preferred—but any make that does a good job will receive consideration. BOX 251, Oil, Paint and Drug Reporter.

Factories Offered

MODERN FACTORY—Corner one-story brick, 18,000 sq. ft., concrete floor, truck level high, sprinklers, 125 H.P boiler, railroad siding with loading platform. Unrestricted district, Brooklyn, near bridge. Low rent. The R. L. Kraft Company, Woolworth Building, Cort. 7-9377.

Materials Offered

PAINT MANUFACTERERS Attention—Write us for details concerning Unico caulking oils, Unico putty oils and Unico paint and varnish remover. With the use of our products you will be able to manufacture and sell finest grade of putties, caulking compounds and paint removers at lowest prices.—United Chemical Supply Co., 202 S. Stinson street, Baltimore, Md.

BONA FIDE OFFERS wanted from car-lot buyers of imported barium nitrate, potassium metabisulphite, ferric chloride, ferrous sulphate, milk sugar cryolite, etc. Best German make. Favorable barter terms. BOX 249, Oil, Paint and Drug Reporter.

Materials Wanted

WANTED—Wastes, by-products, residues of all kinds; also surplus chemicals, solvents, colors, waxes, pigments, glues, paints, drugs, cosmetics specialties. Any quantity. Any condition. Machinery bought and sold. BOX 246, Oil, Paint and Drug Reporter.

Partnership Wanted

ADVERTISER HAVING over 30 years' exceptional experience of European business seeks active partnership or directorship in established, sound firm importing and exporting industrial chemicals. Would also be prepared to join up with expert personality of similar experience in U. S. A. with view of forming new company, both parties putting up necessary capital. No other lines or patent exploitation considered. References required and given. Principals only (no agents) apply with full details. BOX 224, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED—Industrial chemist experienced or familiar with research and production of asphalt waterproofing paints, plastics, et cetera. New department fast growing manufacturer middle west city. Give full particulars when writing. BOX 217, Oil, Paint and Drug Reporter.

WANTED: FORMULATOR for industrial paints and enamels. Preference given to graduate chemist now employed who is looking for greater opportunities. Location Metropolitan area. BOX 243, Oil, Paint and Drug Reporter.

TERRITORY IN Pennsylvania for the sale of technical paints to industrial plants and other large consumers, is open to a salesman having had real experience in this work. Reply only by letter stating full qualifications and remuneration expected. Cheesman-Elliot Co., 639 Kent avenue, Brooklyn, N. Y.

PRODUCTION MAN, experienced, to take full charge of making full line of paints, enamels, etc. Give all details of experience and salary expected. BOX 257, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL CHEMIST, young, having three years' experience in analyzing and manufacturing of pharmaceuticals, desires position with local concern. Knowledge of effervescent salts and tablets. Registered pharmacist. Now employed. BOX 226, Oil, Paint and Drug Reporter.

POSITION WANTED—By pharmaceutical chemist, R.PH., 15 years' experience in manufacturing tablets, pills, liquids, ointments, ampoules, N.F. and U.S.P. products. Experienced in analytical control, formulating, figuring costs, manufacturing operations and problems. Best of references. Capable manager. BOX 230, Oil, Paint and Drug Reporter.

MAN OF LONG experience with manufacturer of paints and varnishes as salesman and executive desires connection, in executive capacity, with progressive concern making a full line for industrial and trade sales. Excellent record as to character and ability backed up by A1 references. Protestant. BOX 231, Oil, Paint and Drug Reporter.

EXECUTIVE AVAILABLE — Aggressive man with twenty years' experience from sales to general management. Available soon. Will arrange interview without expense or obligation. Write Opportunity, BOX 227, Oil, Paint and Drug Reporter.

PHARMACEUTICAL MANUFACTURING chemist desires executive position. Seasoned manufacturing experience. Formulating, pills, tablets, galenicals, extracts, ointments, effervescent salts, toilet goods, pharmaceutical research. Skilled analytical and biological chemist. Exceptional production experience combined with technical training. Excellent references. BOX 242, Oil, Paint and Drug Reporter.

Positions Wanted

TECHNICAL MAN experienced i electrolytic chlorine, caustic and chlo rine products. Familiar with equip ment, manufacturing and finishin processes, sales service and develop ment of above products. Seek positio in plant or sales agency. BOX 244, Oi Paint and Drug Reporter.

MAN, thirty-two, with thoroug foundation in business fundamental and office management desires to as sume direction of affairs of small con cern, stressing both sales and efficiency Applicant will give all his efforts an time to produce at a moderate salary Thirteen years' experience, seven wit present employer. For interview writ BOX 245, Oil, Paint and Drug Re porter.

SALES MANAGER, raw materials thoroughly experienced national situa tion with major contacts paint, oil varnish, lacquer and kindred lines, i available and seeking connection where valuable experience can be couple with new or old organization interested in sales expansion. Compensation o mutual co-operative basis and second ary consideration to worthwhile op portunity. BOX 252, Oil, Paint an Drug Reporter.

OPERATING CHEMIST and chemica engineer having five years' experienc in operation of large scale equipment such as pressure kettles, evaporators stills, dryers and brine systems with their products. BOX 253, Oil, Pain and Drug Reporter.

CHEMIST and plant operator for lubricating oils, coal-tar products and petroleum refinery products. BOX 254 Oil, Paint and Drug Reporter.

RESEARCH CHEMIST with five years experience in dry colors, pigments, alcohol, coal-tar distillation products and paints. BOX 255, Oil, Paint and Drug Reporter.

PRINTING INK and dry color expert desires position with a progressive firm, anywhere. BOX 256, Oil, Paint and Drug Reporter.

COLLEGE GRADUATE, 24, specializing in organic chemistry. An accurate, rapid and conscientious worker; lack only industrial experience. Some industry can use my services as an apprentice at a nominal salary. BOX 258, Oil, Paint and Drug Reporter.

Processes Wanted

CANADIAN MANUFACTURER wishes manufacturing rights for established chemical processes; producing chemical or color products used by the construction, pharmaceutical, cosmetic rubber, paper, paint, tanning, candle or waterproofing trades. BOX 241, Oil Paint and Drug Reporter.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

REBUILT MACHINERY SELECTED ITEMS

6—Pebble Mills, 3'x3'6", 2x4, 4'6x3'6, 4x8, 5x4, 54"x24", 6x5.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Morris single punch Tablet Machines, ¾" to 2" dia.
3—175 gal. heavy gauge Copper Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, several with sifters; 800, 1,200, 1,500, 1,600, 2,000, 2,200 and 4,000 pound capacity.
1—Colton No. 10 worm type Paste Filler.
3—Ross 18" watercooled, motor driven Iron Mills.
1—Kent 12x30 w.s. Roller Mill.
1—Day 12x32 w.s. chain drive Roller Mills.
2—Day Pony Mixers, 8, 15 and 40 gals.
3—Ross Paste Mixers, 50 and 72 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—300 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—Werner & Pfleiderer Jack. Mixers, also 15, bastable sigma blades.
1—42x42" Shriver Iron Filter Press.
1—Lake Shore Double Drum Dryer, each drum 4x12'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 355 Deremus Ave., Newark, N. J.
Cable Address: Equipment

Tampa Exports

(Continued from page 59)

GRAPEFRUIT JUICE—30 cks, Hastings, Manchester; 145 bbls, West Madaket, London

OIL, GRAPEFRUIT — 18cs, West Madaket, London

PHOSPHATE—3,150 tons, Kellerwald, Hamburg; 3,149 tons, Antinous, Hamburg; 6,330 tons, Olympia, Seikoshin; 4,439 tons, Vigor, Gaddvikea

Clearance Dates

Antinous, February 12; Hastings; February 7; Kellerwald, February 11; Olympia, February 17; Vigor, February 17; West Madaket, February 10

Shipments Between Domestic Ports

Los Angeles Coast Trade

GASOLENE—51,680 bbls, Kekoshke, Portland; 57,057 bbls, Arizona, Seattle; 41,533 bbls, Warwick, Portland; 76,055 bbls, Lebec, San Francisco; 3,697 bbls, S & C No 41, San Diego; 74,984 bbls, Deroche, Seattle; 53,746 bbls, Mojave, Seattle

KEROSENE—1,692 bbls, Warwick, Portland; 80,000 bbls, Dilworth, Sewaren; 77,000 bbls, Tulsagas, New York

OIL, DIESEL—23,139 bbls, Torres, Seattle; 6,511 bbls, La Brea, Port San Luis; 4,688 bbls, Kekoskee, Portland; 320 bbls, S & C No 41, San Diego; 4,928 bbls, Deroche, Seattle; 21,696 bbls, Mojave, Seattle

FUEL—27,322 bbls, Torres, Seattle; 65,821 bbls, Tejon, Davenport; 9,190 bbls, Lebec, San Francisco; 18,295 bbls, Charlie Watson, San Diego; 85,374 bbls, Royal Arrow, Portland; 8,997 bbls, Alaska Standard, San Diego; 82,600 bbls, Kanawha, San Francisco; 6,884 bbls, Mojave, Seattle

FURNACE—1,417 bbls, Warwick, Portland

PETROLEUM, CRUDE—66,169 bbls, J A Moffett, Richmond; 78,200 bbls, District of Columbia, Richmond

New Orleans Coast Trade

SULPHUR—1,000 tons, Herman Frasch, Longview

San Francisco Coast Trade

ACID—100 crbys, Andrea F Luckenbach, Seattl 110 crbys, Andrea F Luckenbach, Tacom
TARTARIC — 96 bbls, President Cleveland New York
ALCOHOL—150 cs, Dakotan, Seattle
DENATURED—1 dm, Dakotan, Seattle
ETHYL—1 dm, Dakotan, Tacoma
APRICOT KERNELS—10 tons, Arizonan, Ne York
16 tons, Californian, New York
184 sks, President Cleveland, Boston
ASPHALT—600 dms, Dakotan, Seattle
BLACKSTRAP RESIDUE—10 bbls, 40 dm Dakotan, Seattle
BONE MEAL — 791 sks, Lena Luckenbach Portland, Ore
BORAX—17 tons, Californian, New York
CARBON TETRACHLORIDE—3 dms, Dako tan, Seattle
CASSIA—450 bls, President Cleveland, Ne York
150 bls, President Cleveland, Boston
200 bls, Peter Kerr, Baltimore

(Continued on page 34)

Alphabetical Index to Advertisements

Advance Solvents & Chemical Corp 62
Alexander, Jerome 54
American British Chemical Supplies, Inc. 34
American Can Co. ..... —
American Chemical Products Co. .. —
American Chlorophyll, Inc. 42
American Commercial Alcohol Corp. 61
American Cyanamid & Chemical Corp. ..... —
American Distilling Corp..... 61
American Flange & Mfg. Co. ..... —
American Fluoride Corp. ..... —
American Potash & Chemical Corp. —
Anaconda Lead Products Co. 50
Anderson-Prichard Oil Corp. ..... —
Apex Chemical Co., Inc. 30
Atlantic Refining Co..... —
Atlantic, White Sea & Baltic Co., Inc. 37
Aue, F., & Co., Inc. 40

Baker, J. T., Chemical Co. ..... —
Barber Asphalt Co. 40
Barclay Chemical Co., Inc. 62
Barium Reduction Corp. 29
Barrett Co. 33, 53
Beck, Koller & Co., Inc. ..... —
Becker, Moore & Co., Inc. ..... —
Bemis Bro. Bag Co. ..... —
Benckiser, Joh. A. ..... —
Benzol Products Co. 46
Bernard & Thorner 54
Binney & Smith Co..... 37
Bradley, A. J., Mfg. Co. 39
Brode Corp., The 41
Bromund, E. A., & Co. ..... —
Bureau of Chemistry, N. Y. Produce Exchange 54
Bush, W. J., & Co., Inc..... 49

Calco Chemical Co., Inc..... —
California Fruit Growers' Exchange 16
Campbell, Harry T., Sons Co..... —
Carbide & Carbon Chemicals Corp. —
Carey, The Philip Co..... —
Chemical Solvents, C. P., Inc..... 62
Chilean Nitrate Sales Corp..... —
Church & Dwight Co..... 29
Cinelin Co..... 1
Cliffs Dow Chemical Co..... 1
Colledge, E. W., Gen'l. Sales Agent.. —
Colton, Arthur, Co..... 39
Commercial Solvents Corp..... 14
Consolidated Products Co., Inc..... 60
Coopers Creek Chemical Co..... 34
Crawford, Kenneth M..... 54

Dalare Associates..... 54
Darling & Co..... —
Deep Rock Oil Corp..... —
Diamond Alkali Co..... 31
Dickerson Co..... 53
Dodge & Olcott Co..... 49
Doggett, Stanley, Inc..... —
Dow Chemical Co..... —
Draper Mfg. Co..... —
Drury, A. C., & Co., Inc..... 40
Dunkel, Paul A., & Co., Inc..... —
DuPont de Nemours, E. I., & Co.... 30

Eagle-Picher Lead Co..... 36
Eastman Kodak Co..... 30
Ehrmann-Strauss Co..... —
Ekroth Laboratories..... 54
Electro Bleaching Gas Co..... —
Emery Industries, Inc..... 41
Empire Distilling Corp..... —

Falk & Co..... 42
Fezandie & Sperrle..... —
Fischbeck, Chas., Co., Inc..... 48
Franks Chemical Products Co..... 39
Fritzsche Bros., Inc.....50, 51

General American Tank Storage & Terminal Co., Inc..... 6
General Chemical Co..... —
General Dyestuff Corp..... 62
General Electric Co..... —
General Plastics, Inc..... —
Givaudan-Delawanna, Inc..... —
Glyco Products Co..... —
Grasselli Chemical Co., Inc..... —
Gray, William S., & Co..... 1
Gray Industrial Laboratories..... 54
Greeff, R. W., & Co., Inc..... 1
Gross, A., & Co..... 41
Gruman, J. B., Co..... 56
Gulf Refining Co..... —
Gunn, Frank R..... 54

Hamilton, A. K..... —
Harshaw Chemical Co..... —
Heekin Can Co..... —
Heyden Chemical Corp..... 45
Hochstadter Laboratories, Inc..... 54
Hopkins, J. L., & Co..... 47
Horn, Jefferys & Co..... 40
Huber, F., & Co..... 46
Huisking, Chas. L., & Co., Inc..... 45
Hutchinson, D. W., & Co., Inc..... 49

Imperial Color Works, Inc..... 37
Imperial Oil & Gas Products Co.... —
Independent Mfg. Co..... 42
Innis, Speiden & Co..... —
International Pulp Co..... 40
Irvington Smelting & Refining Works 29

Jackson, L. N., & Co., Inc..... 42
Jones, S. L., & Co., Inc..... 42
Jones & Laughlin Steel Corp..... 34
Jungmann & Co., Inc..... —

Kapper, Frederick P., & Co..... 35
Kentucky Color & Chemical Co.... 39
Kessler Chemical Corp..... 61
Knight & Clarke..... 54
Koppers Products Co..... 34
Krebs Pigment & Color Corp..... —

Laning, E. M., Co., Inc..... 54
LaWall & Harrison..... 54
Lewis, John D., & Co..... —
Lueders, Geo., & Co..... —

Magnetic Pigment Co..... —
Magnus, Mabee & Reynard, Inc.... 49
Mallinckrodt Chemical Works..... 3
Mathieson Alkali Works, Inc..... —
McCormick & Co., Inc..... 46
McNulty, Jos. A..... 40
Mechling Bros. Chemical Co..... —
Merck & Co., Inc..... —
Metasap Chemical Co..... 39
Meurer Steel Barrel Co..... 30
Miel, George A..... 54
Minnesota Specialty Co., Inc..... —
Monsanto Chemical Co..... 44
Murray & Nickell Mfg. Co..... 47
Mutual Chemical Co..... 35

National Ammonia Co..... —
National Aniline & Chemical Co.... —
National Chemical & Mfg. Co..... 36
National Lead Co..... 12
National Milk Sugar Co., Inc..... 46
National Rosin, Oil & Size Co..... —
Neuberg, William, Inc..... 45
Neville Co..... —
New Jersey Zinc Co..... 38
New York Quinine & Chemical Works, Inc..... —
Niacet Chemicals Corp..... 35
Niagara Alkali Co..... —
Nichols Copper Co..... —
Northwestern Chemical Co..... 50
N. V. Potash Export My, Inc..... —

Ohio-Apex, Inc..... 39
Orbis Products Corp..... —
Orthmann Laboratories, Inc..... 54
Osborn, C. J., Co..... 39

Pacific Coast Borax Co..... 1
Pacific Vegetable Oil Co..... —
Parsons, M. W..... 46
Pease Laboratories, Inc..... 54
Peek & Velsor, Inc..... 46
Penick, S. B., & Co..... 46
Pennsylvania Refining Co..... —
Pennsylvania Salt Mfg. Co..... —
Pfaltz & Bauer, Inc..... 40
Pfizer, Chas., & Co..... 24
Pittsburg Can Co..... —
Potash Co. of America..... 54
Pressed Steel Tank Co..... —
Procter & Gamble.....41, 45
Propellair, Inc..... —
Publicker, Inc..... 5
Purdy, W. S., Co., Inc..... 54
Pure Calcium Products Co..... 1

Reilly Tar & Chemical Corp..... —
Rolls Chemical Co..... 1
Rosenthal, H. H., Co., Inc..... 62
Ryland, H. C., Inc..... 49

Sadtler, Samuel P., & Sons, Inc.... 54
Schimmel & Co., Inc..... 49
Schwabacher, S., & Co., Inc..... 46
Schwarz Laboratories, Inc..... 54
Seil, Putt & Rusby, Inc..... 54
Sharples Solvents Corp..... —
Sherka Chemical Co., Inc..... 46
Sherwood Petroleum Co., Inc..... —
Siemon Colors, Inc..... 40
Smith, Kline & French Laboratories. 62
Snell, Foster D., Inc..... 54
Solvay Sales Corp..... —
Sonneborn, L., Sons..... 62
Southwark Mfg. Co..... —
St. Joseph Lead Co..... —
Standard Ultramarine Co..... 39
Stauffer Chemical Co..... 30
Stillwell & Gladding..... 54
Stroock & Wittenberg Corp..... 22
Sun Oil Co..... 40

Taintor Trading Co..... —
Tamms Silica Co..... —
Tennessee Corp..... 29
Texas Gulf Sulphur Co., Inc..... 53
Thompson-Hayward Co..... 29
Thurston & Braidich..... 46
Titanium Pigment Co., Inc..... —
Todd, A. M., Co..... —
Turner, Joseph, & Co..... 29

Ultramarine Co..... —
Union Carbide & Carbon Corp..... —
United Clay Mines Corp..... —
U. S. Industrial Alcohol Co.....9, 10
U. S. Industrial Chemical Co.....9, 10
U. S. Phosphoric Products Corp.... 29
United States Potash Co..... —

Vanderbilt, R. T., & Co., Inc..... 39
Victor Chemical Works 30
Vitro Mfg. Co..... 40
Vol-U-Meter Co..... —
Vorce, L. D..... 54

Wackman Welded Ware Co..... —
Wecoline Products, Inc..... 42
Werk, The M., Co..... 41
Wiley & Co., Inc..... 54
Will & Baumer Candle Co..... 43
Wilson & Bennett Mfg. Co..... —
Wishnick-Tumpeer, Inc..... —
Woburn Degreasing Co. of N. J.... 41
Wolf, Jacques, & Co..... —
Wyodak Chemical Co..... —

EVERCLEAR ALCOHOL

Pure

Specially Denatured

(ALL FORMULAE)

Solvent No. 1

(PROPRIETARY SOLVENT)

Completely Denatured

FROM ITS FERMENTATION in batteries of 200,000 gallon fermenters, to its final packing, one motive governs the production of Everclear Alcohol. That motive is to maintain supreme quality.

Manufacturers everywhere are depending upon the constant high quality of Everclear Alcohol. Day in and day out, they know that the excellence of the alcohol, and consequently of their product, will be the same.

Convenient sources and ample stocks assure you of prompt delivery and a dependable supply.

THE AMERICAN DISTILLING CO.

405 Lexington Avenue, New York, N. Y.

SUBSIDIARY OF

AMERICAN COMMERCIAL ALCOHOL CORPORATION

SOLVENTS_PLASTICIZERS

For the Lacquer and Chemical Industries

The Kessler Chemical Corporation has always confined its manufacture to solvents and plasticizers, and is not offering lacquer or intermediate products.

KESSCO PRODUCTS

Acetone C P	Amyl Acetate: All Grades	Diethyl Phthalate
Methyl Ethyl Ketone	Amyl Alcohol	Dibutyl Phthalate
Ethyl Acetate	Refined Fusel Oil	Diamyl Phthalate
Butyl Acetate, Nor. & Sec.	Butyl Propionate	Acetine
Butyl Alcohol, Nor. & Sec.	Butyl Stearate	Diacetine
	Dimethyl Phthalate	Triacetine

Special Solvents and Plasticizers

THE KESSLER CHEMICAL CORPORATION

1515 Willow Avenue • Hoboken, New Jersey

SUBSIDIARY OF

AMERICAN COMMERCIAL ALCOHOL CORPORATION

SERRASOL PROPRIETARY SOLVENT ALCOHOL
QUALITY SERVICE PRICE
CHEMICAL SOLVENTS
Incorporated
Sole Distributors for SUCESION J. SERRALLES, Ponce, Puerto Rico, U. S. A.
11 Park Place Telephone BArclay 7-8615-6-7 New York

WHITE OILS AND PETROLATUMS
For Pharmaceutical, Cosmetic and Industrial Purposes
WHITE MINERAL OILS
KAYDOL U.S.P. HEAVY
ORZOL U.S.P. HEAVY
PURITAN U.S.P. HEAVY
ERVOL U.S.P. LIGHT
BLANDOL U.S.P. LIGHT
CARNATION
KLEAROL
PETROLATUMS U.S.P. "PROTOPET"
ALL TYPES AND GRADES
SPECIALTIES
SONO-JELL—Base for liquefying cleansing creams, pomades, ointments, etc.
TRI-OL —Base for soapless oil shampoos.
DEO-BASE —Deodorized base for insecticide sprays.
L. SONNEBORN SONS, INC.
Refiners of White Oils and Petrolatums
Refineries: Petrolia and Franklin, Pa.
New York 88 Lexington Avenue
Los Angeles 215 West 5th Street
Chicago 400 West Madison Street

LARGEST BUYERS OF SURPLUS CHEMICALS
RAW MATERIALS BY-PRODUCTS
• FROM EVERY INDUSTRY •
12 YEARS FAITHFUL SERVICE TO MANUFACTURERS AND CONSUMERS
May we serve you?
BARCLAY CHEMICAL COMPANY, INC.
75 VARICK STREET • NEW YORK • N. Y.

CHEMICALS
Alpha Naphtol
Alpha Naphtylamine
Benzidine Hydrochloride
G-Salt
R-Salt
Gamma Acid
H Acid
Sodium Hydrosulphite
GDC
GENERAL DYESTUFF CORPORATION
230 Fifth Avenue, New York, N.Y.

An American Contact
CHEMICALS DRUGS OILS WAXES
Our organization has broad purchasing and selling experience, expert knowledge of all products, enabling us to give foreign firms service facilities equivalent to their own American office.
Correspondence invited.
H. H. ROSENTHAL CO., Inc.
Cable Address "Rodrug" All Codes
25 East 26th Street, New York City

ADVANCE SOLVENTS
gives you assurance of
PURITY . . UNIFORMITY . .
DEPENDABILITY
In these essential products
SODIUM SULPHIDE 60-62%
CRYOLITE SYNTHETIC
PERCHLORETHYLENE
TRICHLORETHYLENE
DICHLORETHYLENE
METHYLENE CHLORIDE
ADVANCE SOLVENTS & CHEMICAL CORPORATION
245 FIFTH AVENUE, NEW YORK, N.Y.

MILK SUGAR
(LACTOSE)
Produced at Our Gustine, Cal. Plant
Powdered — Impalpable
Highest Quality — Best Prices
SMITH, KLINE & FRENCH LABORATORIES
109-115 North Fifth Street
PHILADELPHIA
"When you think of MILK SUGAR think of S-K-F"